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A HAND-LIST
OF THE
GENERA AND SPECIES
OF
BIRDS.

[NOMENCLATOR AVIUM TUM FOSSILIUM
TUM VIVENTIUM.]

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P R E F A C E.

THE first 'Hand-list' of Birds was compiled by the late George Robert Gray, and published by the Trustees of the British Museum in three parts, in the years 1869, 1870, and 1871. This work has long been out of print, and the time seems to have come when a new Hand-list would be of advantage to working ornithologists.

This new 'Hand-list' has been written by Dr. R. Bowdler Sharpe, the author of the greater part of the 'Catalogue of Birds.' To the latter work reference is made throughout, and the 'Hand-list' is avowedly founded upon the 'Catalogue'; but the new species described since the publication of the twenty-seven volumes which comprise the latter work will be here included, so as to bring the list of the known species of birds up to date.

I thoroughly endorse the author's remarks as to the value of the co-operation which he has received from distinguished ornithologists in this and other countries. The desire which has been evinced by so many ornithologists to make this new 'Hand-list' complete will be fully appreciated by all those who desire the progress of Zoological Science.

E. RAY LANKESTER,
Director,
Natural History Departments,
British Museum.

July 12, 1899.

INTRODUCTION.

EVER since the publication of the 'Catalogue of Birds' I have kept a record of the additional species described, and my notes will be published in the supplementary volumes of the 'Catalogue' to be issued shortly. The writing of these notes has been rendered the more easy by the fact that for many years I have compiled the 'Aves' portion of the 'Zoological Record.'

It gave me, therefore, great pleasure when the Trustees of the British Museum consented to publish a new 'Hand-list of Birds,' since the need of such a work has long been recognized by ornithologists. The present compilation differs only from that of my predecessor, the late George Robert Gray, in that I have had the advantage of being able to refer to the 'Catalogue of Birds,' where a full synonymy of each species will be found. The geographical range is here given as concisely as possible, and is based on the conclusions derived from the 'Catalogue,' instead of being founded chiefly on the material in the British Museum, as was done in Gray's 'Hand-list.' The system of classification followed in the present work is that proposed by myself in 1891, in my address to the Second Ornithological Congress at Buda-Pest. I have seen no reason to modify the conclusions there recorded in any material degree.

I have ventured to incorporate in what appears to me to be their natural position the extinct forms of birds; but it is difficult to discover all the descriptions of fossil birds, scattered as they are through so many publications. In some of my volumes of the 'Catalogue' fossil forms are enumerated, but in most of the volumes no record of the extinct birds has been attempted. My work in this direction has been

principally founded on the 'Catalogue of Fossil Birds' written by Mr. R. Lydekker, F.R.S., and published by the Trustees in 1891. The proofs of the present volume have been submitted to Professor Milne-Edwards, the leading authority on the subject, and also to Dr. Shufeldt, who has done much work on the fossil forms of bird-life in America. I am, however, especially indebted to my colleague, Mr. C. W. Andrews, of the Geological Department, who has kindly looked over all the proofs; I am under great obligations to him for useful hints and corrections. All extinct forms are printed in antique type, and the latter has also been adopted for recent species now known to be extinct, such as *Camptolæmus labradorius* (p. 225).

I cannot too warmly express my thanks to the undermentioned ornithologists, who have revised the proof-sheets of this work, and given to it the importance of an international publication. Many of them have freely given me their original notes, have saved me from many slips, and have greatly enhanced the value of the work. I can only assure them of my gratitude for their unselfishness, and nothing in my life has pleased me more than to receive the co-operation of so many of the leading ornithologists of the day, as has been the case in the present instance.

Proofs have been submitted to and corrected by the following ornithologists:—

England.—Hon. Walter Rothschild, M.P., Mr. Ernst Hartert, Dr. P. L. Selater, Mr. W. R. Ogilvie Grant, Mr. W. P. Pycraft, Mr. Howard Saunders, Mr. E. W. Oates.

France.—Professor Milne-Edwards, Dr. E. Oustalet.

Holland.—Dr. Otto Finsch.

Germany.—Professor A. Reichenow, Dr. A. B. Meyer, Count von Berlepsch.

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Italy.—Count Salvadori.

America.—Prof. Elliott Coues, Prof. Robert Ridgway, Dr. L. Stejneger, Prof. J. A. Allen, Mr. Frank M. Chapman, Mr. C. W. Richmond.

To all these gentlemen I tender my sincere thanks for their loyal friendship and assistance. In most cases I have followed their suggestions, especially in the groups with which I have not an intimate personal acquaintance. My views on certain aspects of nomenclature are so well known that slight differences must exist between some of us on a few minor points, and on these there will always be a variation in individual opinion. In the main I have adhered strictly to the nomenclature of the 'Catalogue of Birds,' and in a few cases only have I ventured to disagree with the conclusions of the writers.

R. BOWDLER SHARPE.

July 6, 1899.



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5. *Necrohyas*, *Milne-Edw.* ..
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11. *Lophotrix*, *Less.*
12. *Psilosops*, *Coues*
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16. *Ninox*, *Hodgs.*

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19. *Ciccaba*, *Wugler*

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27. *Glaucidium*, *Boie*
28. *Micropallus*, *Coues*

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1. *Sirix*, *Linn.*
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Class AVES.

Sub-Class I. SAURURÆ.

Order I. ARCHÆOPTERYGES.

(Sharpe, Classif. B. p. 67, 1891.)

I. *Archæopteryx*, Meyer.

(Lydekker, Cat. Foss. B. p. 360, 1891.)

- | | |
|--|---------------------|
| 1. <i>lithographica</i> , Meyer. (L. p. 362.) | Bavaria (Jurassic). |
| 2. <i>siemensi</i> , Dames, Math. naturw. Mitth. Berlin, vii. p. 487 (1897). | Bavaria (Jurassic). |

Sub-Class II. RATITÆ.

Order I. RHEIFORMES.

(Sharpe, Classif. B. p. 67, 1891.)

Family I. RHEIDÆ.

(Salvadori, Cat. B. xxvii. p. 570, 1895.)

I. RHEA, Lath.

(Salvad. t. c. p. 577.)

- | | |
|--|-------------------------------|
| 1. <i>americana</i> (Linn.). (p. 578.) | Central Brazil to Argentina. |
| 2. <i>macrorhyncha</i> , Sel. (p. 581.) | N. Brazil. |
| 3. <i>darwini</i> , Gould. (p. 582.) | Patagonia,
N. to Tarapacá. |
| 4. <i>fossilis</i> , Amegh. [Cf. Revist. Argent. Hist. Nat. vol. i. (1891), p. 448.] | Patagonia (Eocene). |

INCERTÆ SEDIS.

I. *Barornis*, *Marsh*, Amer. J. Sci. xlviii. p. 344 (1895).

1. *regens*, *Marsh*, l. c.

New Jersey (Eocene).

II. *Maopteryx*, *Marsh*, Amer. J. Sci. xxi. p. 341 (1881).

1. *prisca*, *Marsh*, l. c.

Wyoming (Jurassic).

Order II. STRUTHIONIFORMES.

(Sharpe, Classif. B. p. 67, 1891.)

Family I. STRUTHIONIDÆ.

(Cf. Salvadori, Cat. B. xxvii. p. 571, 1895 ; Lydekker,
Cat. Foss. B. p. 210, 1891.)

1. STRUTHIO, *Linn.*

(Salvad. t. c. p. 571.)

1. *camelus*, *Linn.* (S., p. 572.)

Soudan, Arabia,
S. Palestine.

2. *molybdophanes*, *Reichen.* (S., p. 574.)

Somali-land.

3. *australis*, *Gurney.* (S., p. 575.)

S. Africa.

4. *massaicus*, *O. Neumann*, J. f. O. 1898, p. 243.

Masai-land.

5. *asiaticus*, *Milne-Edw.* (L., p. 211.)

Sivalik Hills (Pliocene).

6. *chersonensis*, *Brandt.* (L., p. 212.)

S.E. Russia (Pliocene).
N. China.

7. *karathodoris*, *Forsyth Major*, C. R. cvii. p. 1181.

Samos (Lower Pliocene).

Order III. CASUARIIFORMES.

(Sharpe, Classif. B. p. 67, 1891.)

Family I. DROMÆIDÆ.

(Cf. Salvadori, Cat. B. xxvii. p. 585, 1895 ; Lydekker,
Cat. Foss. B. p. 352, 1891.)

1. DROMÆUS, *Vieill.*

(Salvad. t. c. p. 585.)

1. *novæ-hollandiæ*, *Lath.* (S., p. 586.)

E. Australia.

2. *ater*, *Vieill.* (S., p. 588.) Kangaroo Island
(*extinct*).
3. *irroratus*, *Bartl.* (S., p. 589.) W. Australia.
4. *patricius*, *De Vis.* (L., p. 352.) E. Australia (Pleistocene).
5. *gracilipes*, *De Vis.* (Proc. Linn. Soc. N.S.W. vi. p. 445, 1891.) Queensland (Pleistocene).
- ? 6. *queenslandiae* (*s. n.* Dinornis), *De Vis.* (L., p. 222.) Queensland (Pleistocene).
(*Cf.* Hutton, Proc. Linn. Soc. N. S. W. (2) viii. p. 7, 1893.)

Family II. DROMORNITHIDÆ.

(Lydekker, Cat. Foss. B. p. 355, 1891.)

I. *Dromornis*, *Owen.*

(Lydekker, *t. c.* p. 355.)

1. *australis*, *Owen.* (L., p. 355.) E. Australia.
2. *sp.*, *Lyd.* (L., p. 356.) E. Australia (Pliocene).

II. *Genyornis*, *Stirling & Zeitz.*

(Tr. Roy. Soc. S. Austr. xx. p. 171, 1896.)

1. *newtoni*, *S. & Z. l. c.* S. Australia (Pleistocene).

Family III. CASUARIIDÆ.

(*Cf.* Salvadori, Cat. B. xxvii. p. 590, 1895.)

I. *Casuarus*, *Briss.*

(Salvad. *t. c.* p. 590.)

1. *bicarunculatus*, *Scl.* (p. 591.) N. Aru Is.
2. *casuarus* (*Linn.*).
[*galeatus*, Bonn. (p. 592).] Ceram.
3. *violicollis*, *Rothsch.*, Bull. B. O. C. viii. p. xxvii Aru Is. [? Trangan Isl.].
(1899).
4. *intensus*, *Rothsch.*, Bull. B. O. C. viii. p. xxi Patr. ign.
(1898).
5. *australis*, *Wall* (p. 594.) N.E. Australia.
6. *salvadorii*, *Oust.* (p. 595.) S.W. Coast of Geelvink
Bay, N.W. New Guinea.
7. *beccarii*, *Scl.* (p. 596.) Aru Is. Fly River,
S. New Guinea.

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| 8. <i>uniappendiculatus</i> , <i>Blyth</i> . (p. 597.) | Salawati. |
| 9. <i>occipitalis</i> , <i>Salvad.</i> (p. 598.) | Jobi Isl. German New Guinea. |
| 10. <i>philipi</i> , <i>Rothsch.</i> , Nov. Zool. v. p. 418 (1897). | Patr. ign. |
| 11. <i>papuanus</i> , <i>Schl.</i> (p. 599.) | N.W. New Guinea. |
| 12. <i>loriæ</i> , <i>Rothsch.</i> , Nov. Zool. v. p. 513 (1898). | Mts. of S.E. New Guinea. |
| 13. <i>picticollis</i> , <i>Scl.</i> (p. 600.) | S.E. New Guinea. |
| 14. <i>bennetti</i> , <i>Gould.</i> (p. 601.) | New Britain. |
| 15. <i>sp.</i> , <i>Lyd.</i> , Cat. Foss. B. p. 353. | N. S. Wales (Pleistocene). |

II. *Hypselornis*, *Lydekker*.

(*Lydekker*, Cat. Foss. B. p. 354.)

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|--|---------------------------|
| 1. <i>sivalensis</i> , <i>Lyd. t. c.</i> p. 354. | Sivalik Hills (Pliocene). |
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Order IV. DINORNITHIFORMES.

Family I. DINORNITHIDÆ.*

Sub-Family I. *DINORNITHINÆ*.

(*Parker*, Trans. Z. S. xiii. p. 417, 1895.)

I. *Dinornis*, *Owen*.

(*Parker*, *t. c.* p. 418.)

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|--|--------------------------|
| 1. <i>nobae-zealandiae</i> , <i>Owen.</i> (P., p. 415.) | South Isl., New Zealand. |
| 2. <i>robustus</i> , <i>Owen.</i> (P., p. 415.) | South Isl., New Zealand. |
| ? 3. <i>potens</i> , <i>Hutton.</i> (P., p. 415.) | South Isl., New Zealand. |
| 4. <i>torosus</i> , <i>Hutton.</i> (P., p. 415.) | South Isl., New Zealand. |
| 5. <i>sp. a.</i> (P., p. 415.) | South Isl., New Zealand. |
| 6. <i>strenuus</i> , <i>Hutton</i> , Tr. N. Z. Inst. xxv. p. 8 (1892). | South Isl., New Zealand. |

* In the arrangement of the Moas I have followed the late Professor T. Jeffery Parker's recent Memoir, in which the conclusions of Mr. Lydekker, Dr. H. O. Forbes, and Captain Hutton have been summarized. Cf. Lydekker (Cat. Fossil Birds), Hutton's papers in vols. xxiii., xxiv., and xxv. of the 'Transactions' of the New Zealand Institute, Forbes in 'Natural Science' (ii. pp. 374-380), Parker in the 'Transactions' of the Zoological Society, vol. xiii. pt. 2.

Sub-Family II. *ANOMALOPTERYGINÆ*.

(Parker, *t. c.* p. 417, 1895.)

II. *Pachypornis*, *Lydekker*.

(Parker, *t. c.* p. 415.)

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|--|--------------------------|
| 1. <i>elephantopus</i> (<i>Owen</i>). (P., p. 415.) | South Isl., New Zealand. |
| 2. <i>sp. a.</i> (P., p. 415.) | South Isl., New Zealand. |
| 3. <i>sp. β.</i> (P., p. 415.) | South Isl., New Zealand. |
| 4. <i>sp. γ.</i> (P., p. 415.) | South Isl., New Zealand. |
| 5. <i>sp. a.</i> (P., p. 415.) | South Isl., New Zealand. |
| 6. <i>sp. b.</i> (P., p. 415.) | South Isl., New Zealand. |
| 7. <i>rothschildi</i> , <i>Lydekker</i> , P. Z. S. 1891, p. 479,
pl. xxxviii. | South Isl., New Zealand. |
| 8. <i>compactus</i> , <i>Hutton</i> , Tr. N. Z. Inst. xxv. p. 11 (1892). | South Isl., New Zealand. |
| 9. <i>inhabilis</i> , <i>Hutton</i> , <i>t. c.</i> p. 11 (1892). | South Isl., New Zealand. |
| 10. <i>balgus</i> , <i>Hutton</i> , <i>t. c.</i> p. 12 (1892). | South Isl., New Zealand. |

III. *Spornis*, *Reichenb.*, S. A. p. xxx (1852).

(*Mesopteryx*, *Hutton*: Parker, *t. c.* p. 415.)

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|--|---------------------------|
| 1. <i>sp. a.</i> (P., p. 415.) | South Isl., New Zealand. |
| 2. <i>sp. β.</i> (P., p. 415.) | South Isl., New Zealand. |
| 3. <i>sp. γ.</i> (P., p. 415.) | South Isl., New Zealand. |
| 4. <i>casuarina</i> (<i>Owen</i>). (P., p. 415.) | N. & S. Is., New Zealand. |

IV. *Anomalopteryx*, *Reichenb.*, 1852.*

(Parker, *t. c.* p. 378.)

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|---|---------------------------|
| 1. <i>didiformis</i> (<i>Owen</i>). (P., p. 415.) | N. & S. Is., New Zealand. |
| ?2. <i>parba</i> (<i>Owen</i>). (P., p. 415.)
(Cf. <i>Hutton</i> , Tr. N. Z. Inst. xxvii. p. 166, 1894.) | South Isl., New Zealand. |
| 3. <i>fortis</i> , <i>Hutton</i> , Tr. N. Z. Inst. xxv. p. 9 (1892). | South Isl., New Zealand. |

* Professor Hutton (Tr. N. Z. Inst. xxix. p. 546) proposes the amended name of *Anomalornis* vice *Anomalopteryx*, Stein, S. E. Z. xxx. p. 251 (1874), but this change is unnecessary, as Reichenbach's name dates from 1852.

V. *Megalapteryx*, *Haast*.*

(Lydekker, Cat. Foss. B. p. 249, 1891.)

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|--|--------------------------|
| 1. <i>hectori</i> , <i>Haast</i> . (Lyd., p. 252.) | South Isl., New Zealand. |
| 2. <i>tenuipes</i> , <i>Lyd.</i> , p. 251. | North Isl., New Zealand. |

Sub-Family III. *EMEINÆ*.

(Parker, Tr. Z. S. xiii. p. 422, 1895.)

VI. *Emeus*, *Reichenb.*(Parker, *t. c.* p. 422.)

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|---|--------------------------|
| 1. <i>crassus</i> (<i>Owen</i>). (P., p. 415.) | South Isl., New Zealand. |
| 2. <i>sp. a.</i> (P., p. 415.) | South Isl., New Zealand. |
| 3. <i>sp. β.</i> (P., p. 415.) | South Isl., New Zealand. |
| 4. <i>sp. γ.</i> (P., p. 415.) | South Isl., New Zealand. |
| 5. <i>erilis</i> , <i>Hutton</i> , Tr. N. Z. Inst. xxix. p. 552,
pl. xlviii. fig. <i>c</i> (1897). | North Isl., New Zealand. |

Order V. *ÆPYORNITHIFORMES*.Family I. *ÆPYORNITHIDÆ*.

(Lydekker, Cat. Foss. B. p. 213, 1891.)

I. *Æpyornis*, *Is. Geoffr.*(Lydekker, *t. c.* p. 213.)

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|---|-------------|
| 1. <i>marinus</i> , <i>Is. Geoffr.</i> (L., p. 213.) | Madagascar. |
| 2. <i>medius</i> , <i>Milne-Edw. & Grand.</i> (L., p. 214.) | Madagascar. |
| 3. <i>modestus</i> , <i>Milne-Edw. & Grand.</i> , Ann. Sci. Nat.
(5) xii. p. 189 (1869). | Madagascar. |
| 4. <i>ingens</i> , <i>Milne-Edw. & Grand.</i> , C. R. cxviii.
pp. 122-127 (1894). | Madagascar. |
| 5. <i>lentus</i> , <i>Milne-Edw. & Grand.</i> , C. R. cxviii.
pp. 122-127 (1894). | Madagascar. |

* *Palæocasuarius*, Forbes, Tr. N. Z. Inst. xxiv. p. 189 (1893), seems to be identical.

6. *mulleri*, *Milne-Edw. & Grand.*, C. R. cxviii. pp. 122-127 (1894). Madagascar.
7. *titan*, *Andrews*, Geol. Mag. 1895, p. 303. Madagascar.
8. *cursor*, *Milne-Edw. & Grand.*, C. R. cxviii. pp. 122-127 (1894). Madagascar.
9. *hildebrandti*, *Burckh.*, Pal. Abhandl. (2) ii. p. 127 (1893). Madagascar.
10. *grandidieri*, *Dawson Rowley*, P. Z. S. 1867, p. 892. Madagascar.

II. *Hullerornis*, *Milne-Edw. & Grand.*, C. R. cxviii. pp. 122-127.

1. *bristleri*, *Milne-Edw. & Grand. l. c.* Madagascar.
2. *agilis*, *Milne-Edw. & Grand. l. c.* Madagascar.
3. *rudis*, *Milne-Edw. & Grand. l. c.* Madagascar.

Order VI. **APTERYGIFORMES.**

(Sharpe, Classif. B. p. 67, 1891.)

Family I. **APTERYGIDÆ.**

(Salvadori, Cat. B. xxvii. pp. 603-612, 1895.)

I. **APTERYX**, *Shaw*.

(Salvad. t. c. p. 603.)

1. *australis*, *Shaw*. (p. 604.) South Isl., New Zealand.
2. *lawryi*, *Rothsch.* (p. 606.) Stewart Isl., New Zealand.
3. *mantelli*, *Bartl.* (p. 607.) North Isl., New Zealand.
4. *oweni*, *Gould.* (p. 609.) South Isl., New Zealand.
5. *occidentalis*, *Rothsch.* (p. 610.) North & South Islands (west coast).
6. *haasti*, *Potts.* (p. 611.) C. South Isl.
North Isl. (west side).

II. *Pseudapteryx*, *Lydekker*, Cat. Foss. B. p. 218 (1891).

1. *gracilis*, *Lydekker*, *t. c.* p. 218. New Zealand.

III. *Actapteryx*, *De Vis*, Proc. Linn. Soc. N. S. W. vi. p. 463 (1891).

1. *bifrons*, *De Vis*, *l. c.* Queensland.

Sub-Class III. CARINATÆ.

Order I. TINAMIFORMES.

(*Crypturiformes*, Sharpe, Classif. B. p. 68, 1891.)

Family I. TINAMIDÆ.

(Salvadori, Cat. B. xxvii. p. 496, 1895.)

Sub-Family I. TINAMINÆ.

I. *TINAMUS*, *Hermann*, Tab. Aff. Anim. p. 162 (1783).

(Salvad. *t. c.* p. 496.)

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|--|---|
| 1. <i>tac</i> , <i>Temm.</i> (p. 496.) | Venezuela,
Colombia,
Amazonia, Peru. |
| 2. <i>robustus</i> , <i>Scl.</i> (p. 500.) | S. Mexico,
Guatemala. |
| 3. <i>fuscipennis</i> , <i>Salvad.</i> (p. 500.) | Nicaragua to Panama. |
| 4. <i>salvini</i> , <i>Underwood</i> , Bull. B. O. C. vii.
p. lix (1898). | Costa Rica. |
| 5. <i>solitarius</i> (<i>Vieill.</i>). (p. 501.) | S. Brazil. |
| 6. <i>major</i> (<i>Gm.</i>). (p. 502.) | C. & N. Brazil. |
| 7. <i>subcristatus</i> (<i>Cab.</i>). (p. 504.) | Guiana. |
| 8. <i>latifrons</i> , <i>Salvad.</i> (p. 506.) | W. Ecuador. |
| 9. <i>ruficeps</i> , <i>Scl.</i> & <i>Salv.</i> (p. 506.) | Colombia,
E. Ecuador,
Upper Amazonia. |
| 10. <i>castaneiceps</i> , <i>Salvad.</i> (p. 507.) | Panama. |
| 11. <i>guttatus</i> , <i>Pelz.</i> (p. 508.) | Amazonia,
Peru,
Ecuador. |

II. NOTHOCERCUS, *Bp.*

(*Salvad. Cat. B.* xxvii. p. 509, 1895.)

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|--|-------------------------------------|
| 1. <i>julius</i> (<i>Bp.</i>). (p. 509.) | Colombia,
Ecuador. |
| 2. <i>nigricapillus</i> (<i>G. R. Gray</i>). (p. 511.) | ? Chile. |
| 3. <i>bonapartei</i> (<i>G. R. Gray</i>). (p. 511.) | Venezuela,
Colombia,
Ecuador. |
| 4. <i>frantzii</i> (<i>Laur.</i>). (p. 512.) | Costa Rica to
Panama. |
| 5. <i>intercedens</i> , <i>Salvad.</i> (p. 513.) | Colombia. |

III. CRYPTURUS, *Illig.*

(*Salvad. t. c.* p. 514.)

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|---|--|
| 1. <i>cinereus</i> (<i>Gm.</i>). (p. 517.) | Guiana,
Upper Amazonia. |
| 2. <i>berlepschi</i> , <i>Rothsch.</i> , <i>Bull. B. O. Club</i> , vii.
p. v (1897). | N. Ecuador. |
| 3. <i>obsoletus</i> (<i>Temm.</i>). (p. 519.) | Brazil,
Bolivia. |
| 4. <i>cerviniventris</i> , <i>Scl. & Salv.</i> (p. 520.) | Venezuela. |
| 5. <i>griseiventris</i> , <i>Salvad.</i> (p. 521.) | Amazonia. |
| 6. <i>castaneus</i> (<i>Scl.</i>). (p. 521.) | Colombia. |
| 7. <i>pileatus</i> (<i>Bodd.</i>). (p. 522.) | S. Mexico to Guiana,
Brazil, and Bolivia. |
| 8. <i>tataupa</i> (<i>Temm.</i>). (p. 525.) | Brazil to Peru. |
| 9. <i>parvirostris</i> , <i>Wagler.</i> (p. 527.) | E. Brazil to Peru. |
| 10. <i>kerberti</i> , <i>Büttik.</i> , <i>Notes Leyd. Mus.</i> xviii.
p. 1 (1896). | Argentina. |
| 11. <i>undulatus</i> (<i>Temm.</i>). (p. 527.) | Paraguay,
N.E. Argentina. |
| 12. <i>scolopax</i> (<i>Bp.</i>). (p. 528.) | Bolivia,
O. Brazil. |
| 13. <i>adpersus</i> (<i>Temm.</i>). (p. 529.) | Brazil,
? Colombia. |

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|---|---|
| 14. <i>simplex</i> , <i>Salvad.</i> (p. 531.) | British Guiana. |
| 15. <i>balstoni</i> , <i>Bartl.</i> (p. 531.) | Upper Amazonia. |
| 16. <i>atricapillus</i> , <i>Tschudi.</i> (p. 532.) | Peru. |
| 17. <i>garleppi</i> , <i>Berlepsch.</i> (p. 533.) | Bolivia. |
| 18. <i>rubripes</i> , <i>Tacz.</i> (p. 514, note.) | Peru. |
| 19. <i>strigulosus</i> (<i>Temm.</i>). (p. 533.) | Lower Amazonia. |
| 20. <i>erythropus</i> (<i>Pclz.</i>). (p. 534.) | C. Amazonia. |
| 21. <i>variegatus</i> (<i>Gm.</i>). (p. 535.) | E. Brazil,
Guiana. |
| 22. <i>salvini</i> , <i>Salvad.</i> (p. 537.) | E. Ecuador. |
| 23. <i>brevirostris</i> (<i>Pclz.</i>). (p. 538.) | Lower Rio Negro,
Amazonia. |
| 24. <i>bartletti</i> , <i>Scl. & Salv.</i> (p. 538.) | Upper Amazonia. |
| 25. <i>noctivagus</i> (<i>Newwied.</i>). (p. 539.) | E. Brazil. |
| 26. <i>dissimilis</i> , <i>Salvad.</i> (p. 541.) | British Guiana. |
| 27. <i>cinnamomeus</i> (<i>Less.</i>). (p. 541.) | S. Mexico to Colombia
and Venezuela. |
| 28. <i>boucardi</i> (<i>Scl.</i>). (p. 544.) | S. Mexico to Costa Rica. |
| 29. <i>colombianus</i> , <i>Salvad.</i> (p. 544.) | Colombia. |
| 30. <i>mexicanus</i> , <i>Salvad.</i> (p. 545.) | N.E. Mexico. |
| 31. <i>occidentalis</i> , <i>Salvad.</i> (p. 546.) | W. Mexico. |
| 32. <i>transfasciatus</i> , <i>Scl. & Salv.</i> (p. 546.) | W. Ecuador. |

IV. *RHYNCHOTUS*, *Spix.*

(Salvad. Cat. B. xxvii. p. 547, 1895.)

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|---|-------------------------------|
| 1. <i>rufescens</i> (<i>Temm.</i>). (p. 548.) | Argentina,
S. & E. Brazil. |
| 2. <i>maculicollis</i> , <i>Gray.</i> (p. 550.) | Bolivia. |

V. **NOTHOPROCTA**, *Scl. & Salv.*

(*Salvad. Cat. B.* xxvii. p. 550, 1895.)

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|--|-----------------------------|
| 1. taczanowskii , <i>Scl. & Salv.</i> (p. 551.) | C. & S. Peru. |
| 2. cinerascens (<i>Burm.</i>). (p. 552.) | W. Argentina. |
| 3. perdicaria (<i>Kittl.</i>). (p. 553.) | N. & C. Chile. |
| 4. coquimbica , <i>Salvad.</i> (p. 554.) | S. Chile. |
| 5. pentlandi (<i>Gray</i>). (p. 555.) | Bolivia,
N.W. Argentina. |
| 6. curvirostris , <i>Scl. & Salv.</i> (p. 556.) | Ecuador,
N. Peru. |
| 7. ornata (<i>Gray</i>). (p. 557.) | Bolivia. |
| 8. branicki , <i>Tacz.</i> (p. 558.) | C. Peru. |

VI. **NOTHURA**, *Wagler.*

(*Salvad. t. c.* p. 558.)

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|---|-----------------------------|
| 1. maculosa (<i>Temm.</i>). (p. 559.) | Argentina,
South Brazil. |
| 2. nigriguttata , <i>Salvad.</i> (p. 560.) | C. Argentina. |
| 3. boliviana , <i>Salvad.</i> (p. 561.) | Bolivia. |
| 4. marmorata , <i>Gray.</i> (p. 561.) | Bolivia. |
| 5. beraquiria (<i>Spir.</i>). (p. 561.) | W. Argentina. |
| 6. darwini , <i>Gray.</i> (p. 562.) | Argentina,
Patagonia. |
| 7. media (<i>Spir.</i>). (p. 563.) | S. Brazil. |
| 8. paludosa , <i>Mercerat</i> , <i>An. Soc. Argent.</i> xliii.
p. 239 (1897). | Patagonia (Miocene). |

VII. **TAONISCUS**, *Gloger.*

(*Salvad. t. c.* p. 564.)

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|---|-------------------------|
| 1. nanus (<i>Temm.</i>). (p. 564.) | E. Brazil,
Paraguay. |
|---|-------------------------|

Sub-Family II. *TINAMOTIDINÆ*.
(Salvadori, Cat. B. xxvii. p. 566, 1895.)

VIII. *CALOPEZUS*, *Ridgw.*

(Salvad. t. c. p. 566.)

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|--|-----------------------------|
| 1. <i>elegans</i> (<i>D'Orb. & Geoffr.</i>). (p. 566.) | W. Argentina,
Patagonia. |
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IX. *TINAMOTIS*, *Vig.*

(Salvad. t. c. p. 567.)

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|---|--------------------------------|
| 1. <i>pentlandi</i> , <i>Vig.</i> (p. 568.) | N. Chile,
Peru,
Ecuador. |
| 2. <i>ingoufi</i> , <i>Oust.</i> (p. 569.) | E. Patagonia. |

Order II. GALLIFORMES.

(Sharpe, Classif. B. p. 68, 1891.)

Sub-Order I. *MEGAPODII*.

(Sharpe, t. c. p. 68.)

Family I. *MEGAPODIIDÆ*.

(Ogilvie Grant, Cat. B. xxii. p. 446, 1893.)

I. *MEGAPODIUS*, *Q. & G.*

(Ogilvie Grant, t. c. p. 446.)

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|---|---|
| 1. <i>nicobariensis</i> , <i>Blyth.</i> (p. 447.) | Nicobar Is. |
| 2. <i>tenimberensis</i> , <i>Scl.</i> (p. 448.) | Tenimber Is. |
| 3. <i>cumingi</i> , <i>Dillw.</i> (p. 449.) | Philippines,
Is. of N.W. Borneo,
Celebean Is. |
| 4. <i>sanghirensis</i> , <i>Schl.</i> (p. 450.) | Sangi Is.
Talaud Is. |
| 5. <i>bernsteini</i> , <i>Schl.</i> (p. 450.) | Sula Is. |
| 6. <i>forsteni</i> , <i>Gray.</i> (p. 451.) | Moluccas. |
| 7. <i>affinis</i> , <i>A. B. Meyer.</i> (p. 451, pt.) | N.W. New Guinea,
Jobi Isl. |

8. **brunneiventris**, *A. B. Meyer.* (p. 452.) S.E. New Guinea.
9. **eremita**, *Hartl.* (p. 452.) E. Papuan Is.
10. **macgillivrayi**, *Gray.* (p. 453.) S.E. New Guinea,
Louisiade Is.
11. **duperreyi**, *Less. & Garn.* (p. 454.) Kangean Is.,
Lesser Sunda Is.,
New Guinea,
N. Australia.
12. **freycineti**, *Q. & G.* (p. 457.) Moluccas.
W. New Guinea.
13. **geelvinkianus**, *A. B. Meyer.* (p. 459.) N.W. New Guinea,
Is. of Geelvink Bay.
14. **layardi**, *Tristr.* (p. 459.) New Hebrides.
15. **lapeyrousei**, *Temm.* (p. 460.) Mariannes.
16. **senex**, *Hartl.* (*Cf. Hartert, Nov. Zool. v. p. 62, 1898.*) Pelew Is.
17. **pritchardi**, *Gray.* (p. 461.) Ninafou Isl.

II. EULIPOA, *Ogilvie Grant.*

(*Ogilvie Grant, Cat. B. xxii. p. 462, 1893.*)

1. **wallacei** (*Gray.*) (p. 462.) Molucca Is.

III. LIPOA, *Gould.*

(*Ogilvie Grant, t. c. p. 463.*)

1. **ocellata**, *Gould.* (p. 463.) S. & W. Australia.

IV. TALEGALLUS, *Less.*

(*Ogilvie Grant, t. c. p. 464.*)

1. **cuvieri**, *Less.* (p. 465.) W. New Guinea,
Molucca Is.
2. **fuscirostris**, *Salvad.* (p. 466.) New Guinea,
Aru Is.
3. **jobiensis**, *A. B. Meyer.* (p. 467.) New Guinea,
Jobi Isl.
4. **longicaudus**, *A. B. Meyer.* (p. 467.) S.E. New Guinea.

V. **CATHETURUS**, *Swains.*

(Ogilvie Grant, Cat. B. xxii. p. 467, 1893.)

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|--|---------------|
| 1. lathamii (<i>Lath.</i>). (p. 468.) | E. Australia. |
| 2. purpureicollis (<i>Le Souëf</i> , Ibis, 1898, p. 51). | Cape York. |

VI. **ÆPYPODIUS**, *Oust.*

(Ogilvie Grant, t. c. p. 469.)

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|--|-------------------------|
| 1. bruijni (<i>Oust.</i>). (p. 470.) | Waigiou. |
| 2. arfakianus (<i>Salvad.</i>). (p. 470.) | N.W. & S.E. New Guinea. |

VII. **MEGACEPHALUM**, *Temm.*

(Ogilvie Grant, t. c. p. 471.)

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|---|-----------------------|
| 1. maleo , <i>Hartl.</i> (p. 472.) | Celebes,
Sangi Is. |
|---|-----------------------|

Sub-Order II. **CRACES.**

(Sharpe, Classif. B. p. 68, 1891.)

Family I. **CRACIDÆ.**

(Ogilvie Grant, Cat. B. xxii. pp. 473-522, 1893.)

1. **CRAX**, *Linn.*

(Ogilvie Grant, t. c. p. 474.)

- | | |
|---|--------------------------------------|
| 1. alector , <i>Linn.</i> (p. 475.) | Brit. Guiana,
N. Amazonia. |
| 2. erythrognatha , <i>Scl. & Salv.</i> , P. Z. S. 1877, p. 22.
[<i>alector</i> , pt., Grant, Cat. p. 475.] | Colombia. |
| 3. fasciolata , <i>Spir.</i> (p. 476.) | Brazil,
Bolivia,
Amazonia. |
| 4. pinima , <i>Pelz.</i> (p. 477.) | Amazonia. |
| 5. globicera , <i>Linn.</i> (p. 478.) | Mexico,
Honduras,
Guatemala. |
| 6. panamensis , <i>Ogilvie Grant.</i> (p. 479.) | Nicaragua,
Costa Rica,
Panama. |
| 7. grayi , <i>Ogilvie Grant.</i> (p. 480.) | Patr. ign. |

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|---|------------|
| 8. <i>carunculata</i> , <i>Temm.</i> (p. 481.) | Brazil. |
| 9. <i>globulosa</i> , <i>Spir.</i> (p. 482.) | Amazonia. |
| 10. <i>daubentoni</i> , <i>Gray.</i> (p. 482.) | Venezuela. |
| 11. <i>alberti</i> , <i>Fraser.</i> (p. 483.) | Colombia. |
| 12. <i>hecki</i> , <i>Reichen.</i> , J. f. O. 1894, p. 231. | Patr. ign. |

II. *NOTHOCRAX*, *Burm.*

(Ogilvie Grant, Cat. B. xxii. p. 484, 1893.)

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|---|----------------------|
| 1. <i>urumutum</i> (<i>Spir.</i>) (p. 484.) | Guiana,
Amazonia. |
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III. *MITUA*, *Less.*

(Ogilvie Grant, t. c. p. 485.)

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|--|--|
| 1. <i>mitu</i> (<i>Linn.</i>) (p. 485.) | Guiana,
Amazonia,
Bolivia, Peru. |
| 2. <i>tomentosa</i> (<i>Spir.</i>) (p. 486.) | Guiana,
Amazonia. |
| 3. <i>salvini</i> , <i>Reinh.</i> (p. 487.) | Ecuador. |

IV. *PAUXIS*, *Temm.*

(Ogilvie Grant, t. c. p. 487.)

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|--|--|
| 1. <i>pauxi</i> (<i>Linn.</i>) (p. 488.) | Colombia,
Venezuela,
Guiana, Peru. |
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V. *OREOPHASIS*, *Gray.*

(Ogilvie Grant, t. c. p. 489.)

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|--|-------------------------------------|
| 1. <i>derbianus</i> , <i>Gray.</i> (p. 489.) | Guatemala to Chiapas,
S. Mexico. |
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VI. *PENELOPE*, *Merrem.*

(Ogilvie Grant, t. c. p. 490.)

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|---|-------------------------------------|
| 1. <i>superciliaris</i> , <i>Illig.</i> (p. 491.) | Brazil. |
| 2. <i>montagnei</i> (<i>Bp.</i>) (p. 492.) | Colombia,
Venezuela,
Ecuador. |
| 3. <i>sclateri</i> , <i>Gray.</i> (p. 493.) | Peru,
Bolivia. |

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|---|---------------------------------------|
| 4. <i>jacupeba</i> , <i>Spir.</i> (p. 494.) | Colombia,
Guiana,
Amazonia. |
| 5. <i>marail</i> , <i>Gm.</i> (p. 495.) | Guiana. |
| 6. <i>ortoni</i> , <i>Salvin.</i> (p. 496.) | W. Ecuador. |
| 7. <i>purpurascens</i> , <i>Wagl.</i> (p. 496.) | Mexico to
Guatemala. |
| 8. <i>obscura</i> , <i>Illig.</i> (p. 497.) | S. Brazil,
Bolivia. |
| 9. <i>cristata</i> (<i>Linn.</i>). (p. 498.) | Nicaragua to
Colombia,
Ecuador. |
| 10. <i>boliviana</i> , <i>Bp.</i> (p. 499.) | Amazonia,
Peru,
Bolivia. |
| 11. <i>pileata</i> , <i>Wagl.</i> (p. 500.) | Amazonia. |
| 12. <i>ochrogaster</i> , <i>Pelz.</i> (p. 501.) | C. Brazil. |
| 13. <i>jacucaca</i> , <i>Spir.</i> (p. 501.) | Brazil. |
| 14. <i>argyrotis</i> (<i>Bp.</i>). (p. 501.) | Colombia,
Venezuela,
Ecuador. |
| 15. <i>albipennis</i> , <i>Tacz.</i> (p. 502.) | W. Peru. |

VII. *PENELOPINA*, *Reichenb.*

(Ogilvie Grant, Cat. B. xxii. p. 502, 1893.)

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|--|--|
| 1. <i>nigra</i> (<i>Fraser</i>). (p. 503.) | Highlands of Guatemala
and Nicaragua. |
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VIII. *ORTALIS*, *Merrem.*

(Ogilvie Grant, *t. c.* p. 504.)

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|--|----------------------|
| 1. <i>motmot</i> (<i>Linn.</i>). (p. 505.) | Guiana,
Amazonia. |
| 2. <i>araucuan</i> (<i>Spir.</i>). (p. 506.) | Brazil. |
| 3. <i>ruficeps</i> (<i>Wagl.</i>). (p. 506.) | Brazil. |

4. **wagleri** (*Gray*). (p. 507.) W. Mexico.
5. **ruficauda** (*Jard.*). (p. 507.) Venezuela,
Tobago.
6. **canicollis** (*Wagl.*). (p. 508.) Argentina,
Paraguay.
7. **albiventris** (*Wagl.*). (p. 508.) Brazil.
8. **squamata** (*Less.*). (p. 509.) S. Brazil.
9. **caracco** (*Wagl.*). (p. 509.) Colombia,
Upper Amazonia.
10. **guttata** (*Spix*). (p. 510.) Colombia to Peru,
Bolivia,
Amazonia.
11. **superciliaris** (*Gray*). (p. 511.)' Patr. ign.
12. **poliocephala** (*Wagl.*). (p. 511.) Mexico.
13. **vetula** (*Wagl.*). (p. 512.) S. Mexico to Colombia.
14. **pallidiventris**, *Ridgw.*
[*vetula*, pt., Grant, Cat. p. 512.] Yucatan.
15. **maccalli**, *Baird*. (p. 512, pt.) S. Texas to Tamaulipas.
[*vetula*, pt., Grant, Cat. p. 512.]
16. **leucogastra** (*Gould*). (p. 514.) W. Guatemala,
S. Salvador to Nicaragua.
17. **garrula** (*Humb.*). (p. 515.) Colombia,
Venezuela.
18. **cinereiceps** (*Gray*). (p. 515.) Costa Rica to Panama.
19. **erythroptera** (*Natt.*). (p. 516.) W. Ecuador.

IX. PIPILE, *Bp.*

(Ogilvie Grant, Cat. B. xxii. p. 516, 1893.)

1. **cumanensis** (*Jacq.*). (p. 517.) Guiana, Venezuela,
Amazonia,
Bolivia, Peru.
2. **jacutinga** (*Spix*). (p. 518.) S.E. Brazil.
3. **cujubi** (*Pelz.*). (p. 519.) Lower Amazonia.

X. **ABURRIA**, *Reichenb.*

(Ogilvie Grant, Cat. B. xxii. p. 520, 1893.)

- | | |
|--|-----------------------|
| 1. aburri (<i>Less.</i>). (p. 520.) | Colombia,
Ecuador. |
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XI. **CHAMÆPETES**, *Wagler.*

(Ogilvie Grant, t. c. p. 521.)

- | | |
|---|-----------------------------|
| 1. goudoti (<i>Less.</i>). (p. 521.) | Colombia,
Ecuador, Peru. |
| 2. unicolor , <i>Salvin.</i> (p. 522.) | Costa Rica,
Panama. |

Sub-Order III. **PHASIANI.**

(Sharpe, Classif. B. p. 68, 1891.)

Family I. **TETRAONIDÆ.**

(Ogilvie Grant, Cat. B. xxii. p. 34, 1893.)

I. **LAGOPUS**, *Briss.* (p. 35.)

- | | |
|---|--|
| 1. scoticus (<i>Lath.</i>). (p. 38.) | British Isles. |
| 2. lagopus (<i>Linn.</i>). (p. 40.) | N. Europe.
N. America. |
| 3. alleni , <i>Stejn.</i> (p. 44.) | Newfoundland. |
| 4. mutus (<i>Montin.</i>). (p. 44.) | Mts. of Europe to the
Ural Mts. |
| 5. rupestris (<i>Gm.</i>). (p. 48.) | Arctic America.
N. Asia to the
Ural Mts. |
| 6. reinhardtii , <i>Brehm</i> *, <i>Lehrb. Eur. Vög.</i> p. 440
(1823). | Greenland,
Labrador. |
| 7. nelsoni , <i>Stejn.</i> , <i>Auk</i> , i. p. 226 (1884). | Unalaska Isl. |
| 8. ridgwayi , <i>Stejn.</i> , <i>Zeitschr. Orn.</i> i. p. 89, pl. iv.
(1884). | Commander Is. |
| [<i>insularis</i> , <i>Bogd. Consp. Av. Imp. Ross.</i> p. 35, 1884.] | |

* This and some of the following races are recognized in the A. O. U. Check-List, 1895, pp. 113, 114; but they are disallowed by Mr. Ogilvie Grant in the 'Catalogue of Birds.'

9. *atkensis*, *Turner*, Proc. U. S. Nat. Mus. v. p. 227 Atka Isl.
(1882).

10. *townsendi*, *Elliot*, Auk, xiii. p. 26 (1896). Kyska & Adak Is.,
Aleutian Is.

11. *welchi*, *Brewst.*, Auk, ii. p. 194 (1885). Newfoundland.

12. *evermanni*, *Elliot*, Auk, xiii. p. 25, pl. iii. Attu Isl., Aleutian Is.
(1896).

13. *hyperboreus*, *Sundev.* (p. 51.) Spitsbergen.

14. *leucurus*, *Swains. & Rich.* (p. 52.) Mts. of Western North
America.

II. LYRURUS, *Swains.*

(Ogilvie Grant, Cat. B. xxii. p. 53, 1893.)

1. *tetrix* (*Linn.*). (p. 53.) Europe.
N. & Centr. Asia.
2. *viridanus* (*Lorenz*, J. f. O. 1891, p. 366). S. Russia to Turkestan.
3. *tschusii*, *Johansen*, Orn. Jahrb. ix. Beilage (1898). W. Siberia.
4. *mlokosiewiczzi* (*Tacz.*). (p. 58.) Caucasus.

III. TETRAO, *Linn.*

(Ogilvie Grant, *t. c.* p. 59.)

1. *urogallus*, *Linn.* (p. 60.) Europe.
N. & Centr. Asia to
Lake Baikal.
2. *uralensis*, *Menzbier.* (p. 65.) Ural Mts.
3. *parvirostris*, *Bp.* (p. 66.) N.E. Siberia.
4. *kamtchaticus*, *Kittl.* (p. 67.) Kamtchatka.
5. *sp.*, *Issel*, Atti Accad. Rom. 1878, p. 82. Italy (Pleistocene).
6. *medius*, *Meyer* (= *T. urogallus* × *L. tetrix*). Europe.

IV. CANACHITES, *Stejn.*

(Ogilvie Grant, *t. c.* p. 68.)

1. *canadensis* (*Linn.*). (p. 69.) British N. America,
N.E. U. States.
2. *franklini* (*Dougl.*). (p. 71.) Northern Rocky Mts.

V. **FALCIPENNIS**, *Elliot*.

(Ogilvie Grant, Cat. B. xxii. p. 72, 1893.)

- | | |
|---|-----------------------------|
| 1. <i>falcipennis</i> (<i>Hartl.</i>). (p. 72.) | N.E. Siberia,
Kamchatka. |
|---|-----------------------------|

VI. **DENDRAGAPUS**, *Elliot*.(Ogilvie Grant, *t. c.* p. 73.)

- | | |
|---|--|
| 1. <i>obscurus</i> (<i>Say</i>). (p. 74.) | Rocky Mts. from
New Mexico and Arizona
to Montana and Idaho. |
| 2. <i>fuliginosus</i> , <i>Ridgw.</i> (p. 76.) | California to
Sitka, Alaska. |
| 3. <i>richardsoni</i> (<i>Dougl.</i>). (p. 76.) | Northern Rocky Mts. |

VII. **TYMPANUCHUS**, *Gloger*.(Ogilvie Grant, *t. c.* p. 77.)

- | | |
|---|------------------------------------|
| 1. <i>cupido</i> (<i>Linn.</i>). (p. 77.) | Martha's Vineyard, Mass. |
| 2. <i>americanus</i> (<i>Reichenb.</i>). (p. 78.) | N. America,
Mississippi Valley. |
| 3. <i>attwateri</i> , <i>Bendire</i> , Forest & Stream, xl. no. 20,
p. 425 (1893). | Louisiana,
Texas (coast). |
| 4. <i>pallidicinctus</i> (<i>Ridgw.</i>). (p. 80.) | Texas to Kansas. |

VIII. **CENTROCERCUS**, *Swains*.(Ogilvie Grant, *t. c.* p. 80.)

- | | |
|---|---------------------|
| 1. <i>urophasianus</i> (<i>Bp.</i>). (p. 81.) | Western N. America. |
|---|---------------------|

IX. **PEDIECETES**, *Baird* *.(Ogilvie Grant, *t. c.* p. 82.)

- | | |
|---|----------------------------------|
| 1. <i>phasianellus</i> (<i>Linn.</i>). (p. 82.) | British N. America. |
| 2. <i>columbianus</i> (<i>Ord</i>). (p. 83.) | Western N. America. |
| 3. <i>campestris</i> , <i>Ridgw.</i> , Proc. Biol. Soc. Wash.
ii. p. 93 (1884). | Prairie Region of
N. America. |
| 4. <i>lurasi</i> , <i>Shufeldt</i> , Auk, viii. p. 367 (1891). | S.W. Oregon (Pliocene). |
| 5. <i>nanus</i> , <i>Shufeldt</i> , <i>t. c.</i> p. 367; id. Journ. Acad.
Nat. Sci. Philad. ix. p. 414 (1892). | Oregon (Pliocene). |

* Cf. Gill, Auk, xvi. p. 107 (1899).

X. *Palaeotetrax*, *Shufeldt*.

(*Shufeldt*, *Auk*, viii. p. 367, 1891.)

- | | |
|--|--------------------|
| 1. <i>gilli</i> , <i>Shufeldt</i> , <i>l. c.</i> ; id. <i>Journ. Acad. Nat. Sci.</i> | Oregon (Pliocene). |
| Philad. ix. p. 416 (1892). | |

XI. *BONASA*, *Steph.*

(*Ogilvie Grant*, *Cat. B.* xxii. p. 85, 1893.)

- | | |
|--|---------------------------------------|
| 1. <i>umbellus</i> (<i>Linn.</i>). (p. 85.) | Eastern N. America. |
| 2. <i>togata</i> (<i>Linn.</i> , <i>S. N.</i> i. p. 275). * | Canada and Northern
United States. |
| 3. <i>umbelloides</i> , <i>Dougl.</i> , <i>Tr. Linn. Soc.</i> xvi.
p. 148 (1829). * | Northern Rocky Mts. to
Alaska. |
| 4. <i>sabinei</i> , <i>Dougl. l. c.</i> p. 137. * | California to
British Columbia. |

XII. *TETRASTES*, *Keys*, *u. Blas.*

(*Ogilvie Grant*, *t. c.* p. 89.)

- | | |
|--|-----------------------|
| 1. <i>bonasia</i> (<i>Linn.</i>). (p. 90.) | Europe. N. Asia. |
| 2. <i>septentrionalis</i> , <i>Seebohm</i> , <i>Ibis</i> , 1884, p. 430. | N.E. Europe, Siberia. |
| 3. <i>griseiventris</i> , <i>Menzb.</i> (p. 93.) | E. Russia. |
| 4. <i>severtzovi</i> , <i>Prjev.</i> (p. 93.) | W. China. |

Family 11. PHASIANIDÆ.

(*Cf. Ogilvie Grant*, *Cat. B.* xxii. p. 94, 1893.)

1. *LERWA*, *Hodys.*

(*Ogilvie Grant*, *t. c.* p. 100.)

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|--|---------------------------------|
| 1. <i>lerwa</i> (<i>Hodys.</i>). (p. 100.) | Himalayas,
Mts. of W. China. |
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11. *TETRAOPHYSIS*, *Elliot.*

(*Ogilvie Grant*, *t. c.* p. 102.)

- | | |
|---|---------------------------------|
| 1. <i>obscurus</i> (<i>J. Verr.</i>). (p. 102.) | E. Thibet,
Mts. of W. China. |
| 2. <i>szechenyii</i> , <i>Madarász.</i> (p. 103.) | Thibet,
W. China. |

* These races are recognized in the A. O. U. Check-List, but not by Mr. Ogilvie Grant. Professor Coues tells me that, in his opinion, no. 2 cannot be upheld, but that nos. 3 and 4 are fairly recognizable.

III. TETRAOGALLUS, *J. E. Gray.*

(Ogilvie Grant, Cat. B. xxii. p. 103, 1893.)

- | | |
|---|----------------------------------|
| 1. <i>tibetanus</i> , <i>Gould.</i> (p. 104.) | Thibet, W. China. |
| 2. <i>henrici</i> , <i>Oust.</i> (p. 106.) | W. China. |
| 3. <i>altaicus</i> (<i>Gebler</i>). (p. 110.) | Altai Mts. |
| 4. <i>himalayensis</i> , <i>J. E. Gray.</i> (p. 106.) | Himalayas,
Altai Mts. |
| 5. <i>grombezewskii</i> , <i>Bianchi</i> , Ann. Mus. Zool.
St. Pétersb. 1898, p. 116 (1898). | Western Kuen-Lun. |
| 6. <i>koslowi</i> , <i>Bianchi</i> , <i>t. c.</i> p. 117 (1898). | Altyn-Tag, Nan-shan Mts. |
| 7. <i>caspius</i> (<i>Gm.</i>). (p. 108.) | Asia Minor, Caucasus,
Persia. |
| 8. <i>caucasicus</i> (<i>Pall.</i>). (p. 109.) | Caucasus. |

IV. CACCABIS, *Kaup.*(Ogilvie Grant, *t. c.* p. 110.)

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|---|--|
| 1. <i>saxatilis</i> (<i>Wolf & Meyer</i>). * (p. 111.) | Mts. of S. Europe. |
| 2. <i>chukar</i> , <i>J. E. Gray.</i> (p. 113.) | S.E. Europe,
Persia, Arabia,
C. Asia to China. |
| 3. <i>magna</i> , <i>Prjev.</i> (p. 120.) | W. China,
N. Thibet. |
| 4. <i>rufa</i> (<i>Linn.</i>). (p. 118.) | S. & C. Europe.
Canaries. |
| 5. <i>hispanica</i> , <i>Seoane</i> , Mém. Soc. Zool. France,
vii. p. 93 (1894). | Spain. |
| 6. <i>petrosa</i> (<i>Gm.</i>). (p. 120.) | S.E. Europe.
N.W. Africa.
Canary Is. |
| 7. <i>barbata</i> , <i>Reichen.</i> , Orn. MB. iv. p. 76 (1896). | Patr. ign. |
| 8. <i>spatzi</i> , <i>Reichen.</i> , J. f. O. 1895, p. 110. | S. Tunis. |
| 9. <i>melanocephala</i> (<i>Rüpp.</i>). (p. 122.) | Arabia. |

* Dr. Fatio described a *Perdix saxatilis* var. *melanocephala* in 1890 from Valais, Switzerland (Drasia, viii. no. xiii. p. 150. Cf. Fatio, Bull. Soc. Zool. France, xix. p. 74, 1894). If it be more than an accidental variety the name could not in any case stand, being preoccupied by No. 9.

V. **AMMOPERDIX**, *Gould*.

(Ogilvie Grant, Cat. B. xxii. p. 123, 1893.)

- | | |
|---|--------------------------------|
| 1. bonhami (<i>Fraser</i>). (p. 123.) | Persia, Arabia,
N.W. India. |
| 2. heyi (<i>Temm.</i>). (p. 125.) | Arabia,
Palestine. |
| 3. chholmleyi , <i>Ogilvie Grant</i> , Handb. Game-Birds,
ii. App. p. 293 (1896). | Egypt, Nubia. |

VI. **FRANCOLINUS**, *Steph.*

(Ogilvie Grant, *l. c.* p. 127.)

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|--|---|
| 1. francolinus (<i>Linn.</i>). (p. 132.) | N.E. Europe,
Persia,
N.W. & C. India,
E. Bengal. |
| 2. chinensis (<i>Osbeck</i>). (p. 136.) | Burma,
S. China. |
| 3. pictus (<i>J. & S.</i>). (p. 138.) | W. & C. India,
Ceylon. |
| 4. lathamii , <i>Hartl.</i> (p. 139.) | W. Africa. |
| 5. pondicerianus (<i>Gm.</i>). (p. 141.) | Arabia,
S. Persia,
India. |
| 6. coqui (<i>Smith</i>). (p. 143.) | S. & E. Africa. |
| 7. hubbardi , <i>Ogilvie Grant</i> , Bull. Brit. Orn. Club,
iv. p. xxvii (1895). | Victoria Nyanza. |
| 8. schlegeli , <i>Heugl.</i> (p. 145.) | Equat. Africa.
? Gold Coast. |
| 9. streptophorus , <i>Ogilvie Grant</i> . (p. 145.) | Mt. Elgon,
Masai-land. |
| 10. sephæna (<i>Smith</i>). (p. 146.) | S. & S.W. Africa. |
| 11. granti , <i>Hartl.</i> (p. 148.) | E. Africa. |
| 12. spilogaster , <i>Salvad.</i> (p. 149.) | Harar. |
| 13. kirki , <i>Hartl.</i> (p. 149.) | E. Africa,
Roruma R. to
Somali-land. |

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|--|---|
| 14. <i>albigularis</i> , <i>Hartl.</i> (p. 149.) | Senegambia. |
| 15. <i>spilolæmus</i> , <i>Gray.</i> (p. 150.) | Shoa. |
| 16. <i>gutturalis</i> , <i>Des Murs.</i> (p. 151.) | Abyssinia,
Somali-land. |
| 17. <i>lorti</i> , <i>Sharpe</i> , Bull. Brit. Orn. Club, vi. p. xlvii
(1897). | Goolis Mts., Somali-land. |
| 18. <i>uluensis</i> , <i>Ogilvie Grant.</i> (p. 151.) | Ukambani, E. Africa. |
| 19. <i>africanus</i> (<i>Steph.</i>). (p. 152.) | C. & S. Africa. |
| 20. <i>finschi</i> , <i>Bocage.</i> (p. 153). | Benguela. |
| 21. <i>bottegi</i> , <i>Salvad.</i> , Ann. Mus. Genov. xviii. p. 652
(1898). | Burgi, S.W. of Shoa. |
| 22. <i>castaneicollis</i> , <i>Salvad.</i> (p. 153.) | Shoa. |
| 23. <i>levaillanti</i> (<i>Temm.</i>). (p. 154.) | S. Africa. |
| 24. <i>crawshayi</i> , <i>Ogilvie Grant</i> , Ibis, 1896, p. 482,
pl. xii. | Western Nyasa-land. |
| 25. <i>kikuyuensis</i> , <i>Ogilvie Grant</i> , Bull. Brit. Orn.
Club, vi. p. xxiii (1897). | Equatorial British
E. Africa. |
| 26. <i>gariensis</i> , <i>Smith.</i> (p. 155.) | S.E. Africa. |
| 27. <i>jugularis</i> , <i>Büttik.</i> (p. 156.) | S.W. Africa. |
| 28. <i>shellei</i> <i>Ogilvie Grant.</i> (p. 157.) | S.E. Africa. |
| 29. <i>elgonensis</i> , <i>Ogilvie Grant.</i> (p. 157.) | Mt. Elgon, Equat.
Africa. |
| 30. <i>gularis</i> , <i>Temm.</i> (p. 158.) | Terai, E. Himalayas,
Tippera,
Cachar. |
| 31. <i>adpersus</i> , <i>Waterh.</i> (p. 159.) | S.W. Africa. |
| 32. <i>griseostriatus</i> , <i>Ogilvie Grant.</i> (p. 160.) | R. Coanza,
S.W. Africa. |
| 33. <i>bicalcaratus</i> (<i>Linn.</i>). (p. 160.) | W. Africa,
Morocco. |

34. *clappertoni*, *Childr.* (p. 162.) C. & E. Soudan.
35. *gedgei*, *Ogilvie Grant.* (p. 163.) Mt. Elgon,
Equatorial Africa.
36. *dybowskii*, *Oust., Le Nat.* (2) xiv. p. 232 (1893). Upper Congo.
37. *hartlaubi*, *Bocage.* (p. 163.) Mossamedes.
38. *icterorhynchus*, *Heugl.* (p. 163.) Equatorial Africa.
39. *sharpii*, *Ogilvie Grant.* (p. 164.) Abyssinia, Shoa.
40. *capensis* (*Gm.*). (p. 165.) Cape Colony.
41. *natalensis*, *A. Smith.* (p. 166.) S.E. Africa.
42. *hildebrandti*, *Cab.* (p. 168.) E. Africa.
43. *johnstoni*, *Shelley.* (p. 559.) Nyasa-land.
44. *fischeri*, *Reichen.* (p. 169.) E. Africa.
45. *squamatus*, *Cass.* (p. 169.) Gaboon,
Congo.
46. *schuetti*, *Cab.* (p. 170.) Angola,
E. Africa.
47. *ahantensis*, *Temm.* (p. 171.) Gold Coast,
Liberia.
48. *jackscni*, *Ogilvie Grant.* (p. 171.) Equatorial Africa.
49. *erckeli* (*Rüpp.*). (p. 172.) N.E. Africa,
Suakin to Shoa.

VII. PTERNISTES, *Wayler.*

(*Ogilvie Grant*, *Cat. B.* xxii. p. 173, 1893.)

1. *nudicollis* (*Bodd.*). (p. 174.) Cape Colony to
Transvaal.
2. *melanogaster*, *Oscar Neumann*, J. f. O. 1898, E. Africa.
p. 299, Taf. iii. fig. 1.
3. *humboldti* (*Peters*). (p. 176.) E. Africa,
Zambesi to Tana R.

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|---|--|
| 4. <i>afer</i> (<i>P. L. S. Müll.</i>). (p. 177.) | S.W. Africa,
Mossamedes,
Benguela. |
| 5. <i>cranchi</i> (<i>Leach</i>). (p. 178.) | W. Africa,
? to Marungu. |
| 6. <i>boehmi</i> , <i>Reichen.</i> (p. 179.) | Central E. Africa. |
| 7. <i>swainsoni</i> (<i>Smith</i>). (p. 179.) | S.E. Africa,
Damara-land. |
| 8. <i>rufopictus</i> , <i>Reichen.</i> (p. 180.) | E. Africa,
Masai-land,
Unyoro. |
| 9. <i>leucoscepus</i> (<i>Gray</i>). (p. 181.) | N.E. Africa,
Bogos, Abyssinia,
to Somali-land. |
| 10. <i>infuscatus</i> , <i>Cab.</i> (p. 182.) | E. Africa,
Kilimanjaro to
Somali-land. |

VIII. RHIZOTHERA, *Gray*.

(*Ogilvie Grant*, Cat. B. xxii. p. 183, 1893.)

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|--|------------------------------|
| 1. <i>longirostris</i> (<i>Temm.</i>). (p. 183.) | Malay Peninsula,
Sumatra. |
| 2. <i>dulitensis</i> , <i>Ogilvie Grant</i> , Bull. Brit. Orn. Club,
iv. p. xxvii (1895). | Mt. Dulit, Sarawak. |

IX. PERDIX, *Briss.*

(*Ogilvie Grant*, t. c. p. 185.)

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|---|---------------------------|
| 1. <i>perdix</i> (<i>Linn.</i>).* (p. 185.) | Europe.
C. Asia. |
| 2. <i>robusta</i> , <i>Homeyer & Tancré</i> , MT. orn. Ver.
Wien, vii. p. 92, Taf. (1883). | E. Europe,
S. Siberia. |
| 3. <i>hispaniensis</i> , <i>Reichen.</i> , J. f. O. 1892, p. 226.
[<i>P. charreola</i> , <i>Seoane</i> , Bull. Soc. Zool. France,
vii. p. 94, 1894.] | Spain. |
| 4. <i>damascena</i> (<i>Gm.</i>). (p. 192.) | W. Europe. |

* The following races of the Common Partridge—*P. robusta* (*Starna cinerea*, var. *robusta*), Moscow; *P. sphagnetorum* (*S. cinerea*, var. *sphagnetorum*), East Friesland; *P. scanica* (*S. cinerea*, var. *scanica*), S. Sweden; and *P. lucida* (*S. cinerea*, var. *lucida*), East Prussia—have been differentiated by Dr. Altum, J. f. O. 1894, pp. 254-269.

5. *daurica* (*Pall.*). (p. 192.) C. & N.E. Asia,
Tian-shan Mts.,
Amoor-land.
6. *turcomana*, *Stolzm.*, Bull. Soc. Nat. Moseou,
1897, p. 79. Ferghana.
7. *hodgsoniæ* (*Hodgs.*). (p. 193.) Thibet,
Himalayas (12,000 feet).
8. *sifanica*, *Prjev.* (p. 195.) Thibet,
Kansu.
9. *sp.*, *Issel*, Atti Acc. Rom. 1878, p. 82. Italy (Pleistocene).

X. *Palaeocortyr*, *Milne-Edwards*.

(*Milne-Edwards*, Ois. Foss. France, ii. p. 217, 1869;
Lydekker, Cat. Foss. B. p. 136, 1891.)

1. *hoffmanni*, *Gervais*, Zool. et Pal. Franç. i. p. 229; France (Upper Eocene).
1852.
2. *blanchardi*, *Milne-Edw.* t. c. p. 223. France (Upper Eocene).
3. *gallica*, *Milne-Edw.* t. c. p. 230. France (Lower Miocene).
4. *brevipes*, *Milne-Edw.* t. c. p. 235. France (Lower Miocene).
5. *caplurensis*, *Lydekker*, Cat. Foss. B. p. 138. France (Lower Miocene).
6. *sp.*, *Lydekker*, t. c. p. 133. France (Lower Miocene).
7. *maxima*, *Lydekker*, P. Z. S. 1893, p. 520, pl. xli.
fig. 11. France (Miocene).
8. *gribensis*, *Lydekker*, t. c. p. 521, pl. xli. fig. 12. France (Miocene).
9. *sp.*, *Lydekker*, t. c. p. 521, pl. xli. fig. 13. France (Miocene).
10. *edwardsi*, *Depéret*, Arch. Mus. Lyon. iv. p. 285 France (Middle Miocene).
(1887); *Lydekker*, P. Z. S. 1893, p. 519,
pl. xli. figs. 9, 10.
11. *phasianoides*, *Milne-Edw.* t. c. p. 237; *Lydekker*, France (Lower Miocene).
Cat. Foss. B. p. 139.
12. *ocyptra*, *Milne-Edw.*, C. R. II. Congr. Intern. France (Eocene).
Zool. ii. p. 71 (1892).

XI. *Palaeoperdix*, *Milne-Edwards*.

(Milne-Edwards, Ois. Foss. France, ii. p. 245, 1879.)

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|--|--------------------------|
| 1. <i>longipes</i> , <i>Milne-Edw. t. c.</i> p. 245. | France (Middle Miocene). |
| 2. <i>prisca</i> , <i>Milne-Edw. t. c.</i> p. 246. | France (Middle Miocene). |
| 3. <i>sansaniensis</i> , <i>Milne-Edw. t. c.</i> p. 249. | France (Middle Miocene). |

XII. *Caoperdix*, *Milne-Edwards*.(Milne-Edwards, *t. c.* p. 225.)

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|---|------------------|
| 1. <i>pressiti</i> , <i>Gervais, C. R.</i> liv. p. 896, 1861. | France (Eocene). |
|---|------------------|

XIII. *Palaeocryptonyx*, *Depéret*.(Depéret, *C. R.* civ. p. 691, 1892.)

- | | |
|---|--------------------|
| 1. <i>donnèzani</i> , <i>Depéret, l. c.</i> | France (Pliocene). |
|---|--------------------|

XIV. *MARGAROPERDIX*, *Reichenb.*(Ogilvie Grant, *Cat. B.* xxii. p. 195, 1893.)

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|--|-------------|
| 1. <i>madagascariensis</i> (<i>Scop.</i>). (p. 196.) | Madagascar. |
|--|-------------|

XV. *PERDICULA*, *Hodgs.*(Ogilvie Grant, *t. c.* p. 197.)

- | | |
|---|------------------------------|
| 1. <i>asiatica</i> (<i>Lath.</i>). (p. 198.) | Indian Peninsula,
Ceylon. |
| 2. <i>argoondah</i> (<i>Sykes</i>). (p. 200.) | Indian Peninsula. |

XVI. *MICROPERDIX*, *Gould*.(Ogilvie Grant, *t. c.* p. 202.)

- | | |
|---|---------------------------------------|
| 1. <i>erythroryncha</i> (<i>Sykes</i>). (p. 203.) | S.W. of Indian Peninsula. |
| 2. <i>blewitti</i> , <i>Hume</i> . (p. 204.) | Central Prov. of
Indian Peninsula. |
| 3. <i>manipurensis</i> (<i>Hume</i>). (p. 204.) | Manipur. |

XVII. ARBORICOLA, *Hodgs.*

(Ogilvie Grant, Cat. B. xxii. p. 205, 1893.)

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|--|---|
| 1. <i>torqueola</i> (<i>Valenc.</i>). (p. 207.) | Himalayas (5000-14,000 feet). Naga Hills. |
| 2. <i>henrici</i> , <i>Oust.</i> , Bull. Mus. Paris, 1896, p. 317. | Annam. |
| 3. <i>atrigrularis</i> , <i>Blyth.</i> (p. 209.) | Tippera, Assam, Manipur, Cachar, Kachin Hills. |
| 4. <i>ardens</i> , <i>Styan.</i> (p. 210.) | Hainan. |
| 5. <i>crudigrularis</i> (<i>Swinh.</i>). (p. 211.) | Formosa. |
| 6. <i>intermedia</i> , <i>Blyth.</i> (p. 211.) | Hills of Manipur, Assam, and Burma. |
| 7. <i>rufigrularis</i> , <i>Blyth.</i> (p. 212.) | Himalayas, from Kumaon to Assam; Tenasserim (Mooleyit). |
| 8. <i>gingica</i> (<i>Gm.</i>). (p. 213.) | ? Luzon. |
| 9. <i>mandellii</i> (<i>Hume.</i>). (p. 214.) | Native Sikkim, Bhotan Doars. Goalpara, Assam. |
| 10. <i>javanica</i> (<i>Gm.</i>). (p. 214.) | Java. |
| 11. <i>rubrirostris</i> (<i>Salvad.</i>). (p. 215.) | Sumatra. |
| 12. <i>brunneipectus</i> , <i>Blyth.</i> (p. 216.) | Pegu Hills, Karen-nee, Tenasserim. |
| 13. <i>hyperythra</i> (<i>Sharpe.</i>) (p. 217.)
[<i>erythrophrys</i> , <i>Sharpe</i> (p. 218).] | N.W. Borneo (Kina Balu, Lawas Mts.). |
| 14. <i>orientalis</i> (<i>Horsf.</i>). (p. 218.) | E. Java. |
| 15. <i>sumatrana</i> (<i>Ogilvie Grant.</i>) (p. 219.) | Sumatra. |

XVIII. **TROPICOPERDIX**, *Blyth*.

(Ogilvie Grant, Handb. Game-Birds, i. p. 172, 1896.)

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|---|--|
| 1. <i>chloropus</i> (<i>Tickell</i>). (p. 219.) | E. Pegu Hills,
Tenasserim,
Cochin China. |
| 2. <i>charltoni</i> (<i>Eyton</i>). (p. 221.) | Siam,
Malay Peninsula,
N. & N.E. Borneo. |

XIX. **HÆMATORTYX**, *Sharpe*.

(Ogilvie Grant, Cat. B. xxii. p. 221, 1893.)

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|--|---|
| 1. <i>sanguiniceps</i> , <i>Sharpe</i> . (p. 222.) | Lawas Mts., Kina Balu
(N.W. Borneo). |
|--|---|

XX. **CALOPERDIX**, *Blyth*.(Ogilvie Grant, *t. c.* p. 222.)

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|---|------------------------------------|
| 1. <i>oculea</i> (<i>Temm.</i>). (p. 222.) | S. Tenasserim,
Malay Peninsula. |
| 2. <i>sumatrana</i> , <i>Ogilvie Grant</i> . (p. 224.) | Sumatra,
Java. |
| 3. <i>borneensis</i> , <i>Ogilvie Grant</i> . (p. 224.) | N.W. Borneo (Mt. Dulit). |

XXI. **ROLLULUS**, *Bonn*.(Ogilvie Grant, *t. c.* p. 225.)

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|--|--|
| 1. <i>roulroul</i> (<i>Scop.</i>). (p. 225.) | Cochin China,
S. Tenasserim,
Malay Peninsula,
Sumatra, Java,
Borneo. |
|--|--|

XXII. **MELANOPERDIX**, *Jerd*.(Ogilvie Grant, *t. c.* p. 227.)

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|--|---|
| 1. <i>nigra</i> (<i>Iig.</i>). (p. 228.) | Malay Peninsula,
Sumatra,
Borneo. |
|--|---|

XXIII. COTURNIX, *Bonn.*

(Ogilvie Grant, Cat. B. xxii. p. 229, 1893.)

1. *coturnix* (*Linn.*). (p. 231.)* Europe, N. Asia.
Indian Peninsula,
S. Africa (*winter*).
2. *africana* (*T. & S.*). S. Africa.
Lemuria.
[*capensis*, Ogilvie Grant, *t. c.* p. 237. Cf. Stejneger, Pr. U.S. Nat. Mus. xvi. p. 766 (1893).] Atlantic Islands
(Azores, Canaries, &c.).
3. *japonica* (*T. & S.*). (p. 239.) E. Siberia, Japan,
China.
Bhutan, Karen-nee
(*winter*).
4. *coromandelica* (*Gm.*). (p. 241.) Indian Peninsula,
N. Ceylon,
Burma.
5. *delegorguei*, *Deleg.* (p. 243.) Tropical Africa,
S. Arabia.
6. *pectoralis*, *Gould.* (p. 244.) Australia,
Tasmania.
7. *novæ-zealandiæ*, *Q. & G.* (p. 245.) N. Zealand (*extinct*).

XXIV. SYNÆCUS, *Gould.*

(Ogilvie Grant, *t. c.* p. 246.)

1. *australis* (*Temm.*). (p. 247.) Australia,
Tasmania,
S.E. New Guinea.
2. *raalteni* (*M. & S.*). (p. 249.) Lesser Sunda Is.
(Timor, Flores, &c.).
3. *pallidior*, *Hartert*, Nov. Zool. iv. p. 271 (1897). Savu Isl.
4. *plumbeus*, *Salvad* (Ogilvie Grant, Handb. S.E. New Guinea.
Game-Birds, p. 192, 1896.)

* *Coturnix baldami*, Brehm, from Spain, is figured as a distinct form by Von Madarász, *Aquila*, iii. Taf. ii. (1896).

XXV. EXCALFACTORIA, *Bp.*

(Ogilvie Grant, Cat. B. xxii. p. 249, 1893.)

- | | |
|---|---|
| 1. <i>chinensis</i> (<i>Linn.</i>). (p. 250.) | Indian Peninsula,
Ceylon,
Indo-Chinese countries,
Formosa,
Malay Peninsula.
Celebes, Moluccas. |
| 2. <i>lineata</i> (<i>Scop.</i>). (p. 253.) | Philippines,
Borneo, Java,
Sumatra, Australia. |
| 3. <i>lepida</i> , <i>Hartl.</i> (p. 254.) | Bismarck Archipelago.
S.E. New Guinea. |
| 4. <i>adansoni</i> (<i>Ferr.</i>). (p. 255.) | Tropical Africa. |

XXVI. PTILOPACHYS, *Swains.*(Ogilvie Grant, *t. c.* p. 255.)

- | | |
|---|---|
| 1. <i>fuscus</i> (<i>V.</i>). (p. 256.) | Senegambia,
N.E. Africa,
Suk country. |
|---|---|

XXVII. BAMBUSICOLA, *Gould.*(Ogilvie Grant, *t. c.* p. 257.)

- | | |
|---|-------------------------------------|
| 1. <i>fytchei</i> , <i>Anders.</i> (p. 257.) | Assam,
Upper Burma,
Szechuen. |
| 2. <i>thoracica</i> (<i>Temm.</i>). (p. 258.) | S. China. |
| 3. <i>sonorivox</i> , <i>Gould.</i> (p. 259.) | Formosa. |

XXVIII. GALLIPERDIX, *Blyth.*(Ogilvie Grant, *t. c.* p. 260.)

- | | |
|---|-------------------|
| 1. <i>spadicea</i> (<i>Gm.</i>). (p. 261.) | Indian Peninsula. |
| 2. <i>lunulata</i> (<i>Valenc.</i>). (p. 263.) | Indian Peninsula. |
| 3. <i>bicalcarata</i> (<i>Penn.</i>). (p. 264.) | Ceylon. |

XXIX. OPHRYSIA, Bp.

(Ogilvie Grant, Cat. B. xxii. p. 265, 1893.)

- | | |
|---|----------------|
| 1. <i>superciliosa</i> (<i>J. E. Gray</i>). (p. 266.) | N.W. Himalaya. |
|---|----------------|

XXX. ITHAGENES, Wagl.

(Ogilvie Grant, *t. c.* p. 267.)

- | | |
|---|---|
| 1. <i>cruentus</i> (<i>Hardw.</i>). (p. 268.) | Himalayas,
Nepal to Bhutan,
Thibet. |
| 2. <i>geoffroyi</i> , <i>Verr.</i> (p. 269.) | E. Thibet,
W. Szechuen. |
| 3. <i>sinensis</i> , <i>David</i> . (p. 270.) | W. China. |

XXXI. TRAGOPAN, Cuvier.

(Ogilvie Grant, *t. c.* p. 271.)

- | | |
|---|--|
| 1. <i>satyra</i> (<i>Linn.</i>). (p. 271.) | Himalayas,
Garhwal to Bhutan. |
| 2. <i>melanocephalus</i> (<i>J. E. Gray</i>). (p. 273.) | W. Himalayas,
Kashmir to Garhwal. |
| 3. <i>temmincki</i> (<i>J. E. Gray</i>). (p. 275.) | S.W. & C. China,
Szechuen,
Mishmi Hills. |
| 4. <i>blythi</i> (<i>Jerd.</i>). (p. 276.) | N.E. Assam,
Manipur,
Chin Hills. |
| 5. <i>caboti</i> (<i>Gould</i>). (p. 277.) | S.E. China. |

XXXII. LOPHOPHORUS, Temm.

(Ogilvie Grant, *t. c.* p. 277.)

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|--|---|
| 1. <i>impeyanus</i> , <i>Lath.*</i>
[<i>refulgens</i> , Temm. (p. 278).] | Himalayas,
Afghanistan to
Bhutan. |
|--|---|

* Mr. Ogilvie Grant's work on the Game-Birds is so thoroughly well done, that it is seldom that I differ from any of his conclusions; but I think that Mr. Oates (*Man. Game-Birds of India*, pt. i. p. 258) is right as regards the nomenclature of the Moonal Pheasants, and I agree with him that, although Latham does not notice the white back in his description, it is unlikely that he ever saw the Chamba Moonal.

2. **mantoui**, *Oust.* (Ogilvie Grant, Handb. Game- Patr. ign.
Birds, i. p. 236.)
3. **obscurus**, *Oust.* (Ogilvie Grant, Handb. Game- Patr. ign.
Birds, i. p. 236.)
4. **chambanus**, *C. H. T. Marshall.* Chamba,
[*impeyanus*, Grant nec Lath.; Cat. p. 280.] W. Himalayas.
5. **l'huysi**, *Verr. et Geoffr.* (p. 281.) W. China, Szechuen,
Koko-nor, Moupin.

XXXIII. **CHALCOPHYSIS**, *Elliot*, Monogr. Phas. i. pt. 4, 1871.
(*Lophophorus*, pt., Ogilvie Grant, Cat. B. xxii. p. 277.)

1. **sclateri** (*Jerd.*) (p. 282.) Mishmi Hills.

XXXIV. **ACOMUS**, *Reichenb.*
(Ogilvie Grant, Cat. B. xxii. p. 283, 1893.)

1. **erythrophthalmus** (*Raffl.*) (p. 283.) S. Malay Peninsula,
Sumatra,
? Java.
2. **pyronotus** (*Gray*). (p. 284.) N.E. Borneo.
3. **inornatus**, *Salvad.* (p. 285.) W. Sumatra.

XXXV. **LOPHURA**, *Fleming* *.
(Ogilvie Grant, t. c. p. 286.)

1. **rufa** (*Raffl.*) (p. 286.) Siam,
S. Tenasserim,
Malay Peninsula,
Sumatra.
2. **sumatrana** (*Dubois*), Büttik. Notes Leyden Palembang,
Mus. xvii. p. 177. S.E. Sumatra.
3. **ignita** (*Shaw & Nodd.*) *. Patr. ign.
4. **nobilis**, *Scl.* Borneo,
[*ignita*, Ogilvie Grant, Cat. p. 288.] Banka.

* Cf. Büttik. Notes Leyden Mus. xvii. p. 169 (1896).

XXXVI. DIARDIGALLUS, *Bp.*

(*Bp. C. R.* xliii. p. 414, 1856.)

[*Lophura*, pt., *Ogilvie Grant*, *Cat. B.* xxii. p. 286, 1893.]

1. *diardi*, *Bp.* (p. 290.)

Siam,
Cambodia,
Cochin China.

XXXVII. LOBIOPHASIS, *Sharpe.*

(*Ogilvie Grant*, *t. c.* p. 291.)

1. *bulweri*, *Sharpe.* (p. 292.)

N.W. Borneo,
Sarawak.

XXXVIII. CROSSOPTILUM, *Hodgs.*

(*Ogilvie Grant*, *t. c.* p. 293.)

1. *tibetanum* (*Hodgs.*). (p. 293.)

W. China,
E. Tibet.

2. *leucurum*, *Seeb.* (p. 294.)

E. Tibet.

3. *manchuricum*, *Swinh.* (p. 294.)

Manchuria.

4. *auritum* (*Pall.*). (p. 295.)

W. China.

5. *harmani*, *Elwes.* (p. 296.)

Tibet.

XXXIX. GENNÆUS, *Wagler.*

(*Ogilvie Grant*, *t. c.* p. 296.)

1. *albicristatus* (*Vig.*). (p. 298.)

W. Himalayas,
Huzara to Nepal.

2. *leucomelanus* (*Lath.*). (p. 300.)

Nepal.

3. *melanonotus* (*Blyth.*)

[*mithura*, *Ogilvie Grant*, *Cat.* p. 301.]

E. Himalaya,
Native Sikhim,
W. Bhutan.

4. *edwardsi*, *Oust.*, *Bull. Mus. Paris*, 1896, p. 316.

Annam.

5. *horsfieldi* (*Gray*). (p. 302.)

E. Bhutan,
Assam,
Upper Burma.

6. *wickhami*, *Oates*, *Man. Game-B. Ind.* pt. ii.,
App. (1898).

Chin Hills, Upper
Burma.

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|---|--------------------------------|
| 7. andersoni (<i>Elliot</i>)*.
[<i>davisoni</i> , <i>Ogilvie Grant</i> , Cat. p. 304.] | Kachin Hills. |
| 8. beli , <i>Oust.</i> , Bull. Mus. Paris, 1898, p. 258. | Tonquin. |
| 9. williamsi , <i>Oates</i> , Man. Game-Birds of India,
pt. i. p. 342 (1898). | Chin Hills, Upper
Burma. |
| 10. cuvieri (<i>Temm.</i>). (p. 303.) | Aracan Hills. |
| 11. lineatus (<i>Vig.</i>). (p. 304.) | Pegu,
N. Tenasserim. |
| 12. oatesi , <i>Ogilvie Grant</i> . (p. 306.) | Aracan Hills. |
| 13. sharpei , <i>Oates</i> , Man. Game-Birds of India,
pt. i. p. 357. | Tenasserim,
Karin Hills. |
| 14. nycthemerus (<i>Linn.</i>). (p. 307.) | S. China. |
| 15. rufipes , <i>Oates</i> , Man. Game-Birds of India,
pt. i. p. 362. | Burmese Hills,
Shan States. |
| 16. swinhoei , <i>Gould</i> . (p. 309.) | Formosa. |

XL. PUCRASIA, *Gray*.

(*Ogilvie Grant*, Cat. B. xxii. p. 310, 1893.)

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|--|--|
| 1. macrolopha (<i>Less.</i>). (p. 311.) | W. Himalayas,
Kumaon to S. Kashmir. |
| 2. biddulphi , <i>G. E. L. Marshall</i> . (p. 313.) | W. Kashmir. |
| 3. nipalensis , <i>Gould</i> . (p. 314.) | W. Nepal. |
| 4. castanea , <i>Gould</i> . (p. 314.) | N. Afghanistan,
Kafiristan. |
| 5. meyeri , <i>Madar</i> . (p. 315.) | C. Tibet,
Upper Mekong. |
| 6. xanthospila , <i>Gray</i> . (p. 315.) | N.W. China,
Manchuria,
E. Tibet. |
| 7. darwini , <i>Swinh.</i> (p. 316.) | E. China. |

* Cf. *Oates*, Man. Game-Birds of India, pt. i. p. 337.

XLI. CATREUS, *Cab.*

(Ogilvie Grant, Cat. B. xxii. p. 316, 1893.)

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|---|--------------------------------|
| 1. <i>wallichi</i> (<i>Hardw.</i>). (p. 317.) | Himalayas,
Nepal to Chamba. |
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XLII. PHASIANUS, *Linn.*

(Ogilvie Grant, *t. c.* p. 318.)

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|---|---|
| 1. <i>colchicus</i> , <i>Linn.</i> (p. 320.) | S.E. Europe,
Transeaucasia. |
| 2. <i>septrionalis</i> , <i>Lorenz</i> , J. f. O. 1888, p. 572. | N. Caucasus. |
| 3. <i>talischensis</i> , <i>Lorenz</i> . (p. 324.) | S.W. Talisch, Caspian. |
| 4. <i>persicus</i> , <i>Severtz.</i> (p. 324.) | Persia. |
| 5. <i>principalis</i> , <i>Sel.</i> (p. 325.) | N.W. Afghanistan,
N.E. Persia. |
| 6. <i>zerafshanicus</i> , <i>Tarnovski.</i> (p. 326.) | Zarafshan. |
| 7. <i>shawi</i> , <i>Elliot.</i> (p. 326.) | E. Turkestan. |
| 8. <i>tarimensis</i> , <i>Przev.</i> (p. 327.) | Tarim R. :
Lob-nor. |
| 9. <i>chrysomelas</i> , <i>Severtz.</i> (p. 327.) | Amu-Darya. |
| 10. <i>mongolicus</i> , <i>Brandt.</i> (p. 328.) | C. Asia,
Turkestan. |
| 11. <i>turcestanicus</i> , <i>Lorenz</i> , Orn. MB. iv. p. 189
(1896). | Turkestan. |
| 12. <i>semitorquatus</i> , <i>Severtz.</i> (p. 329.) | Dzungaria. |
| 13. <i>torquatus</i> , <i>Gm.</i> (p. 331.) | E. Siberia,
E. Mongolia,
Corea,
China. |
| 14. <i>satscheunensis</i> , <i>Przev.</i> (p. 333.) | Sa-tsheuen, N. of Nan-
shan Mts. |
| 15. <i>formosanus</i> , <i>Elliot.</i> (p. 333.) | Formosa. |
| 16. <i>elegans</i> , <i>Elliot.</i> (p. 329.) | W. China,
Shan States. |

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|---|---|
| 17. <i>vlangali</i> , <i>Przev.</i> (p. 330.) | Tsaidam. |
| 18. <i>strauchi</i> , <i>Przev.</i> (p. 330.) | N.W. Kansu. |
| 19. <i>decollatus</i> , <i>Swinh.</i> (p. 331.) | W. & C. China. |
| 20. <i>versicolor</i> , <i>L.</i> (p. 334.) | Japan. |
| 21. <i>sœmmerringii</i> , <i>Temm.</i> (p. 336.) | Japan. |
| 22. <i>scintillans</i> , <i>Gould.</i> (p. 337.) | Japan. |
| 23. <i>sp.</i> , <i>Lydekker</i> , <i>Cat. Foss. B.</i> p. 140. | Germany (Pleistocene). |
| 24. <i>archiari</i> , <i>Gaudry</i> , <i>C. R. liv.</i> p. 502. | Greece (Lower Pliocene). |
| 25. <i>altus</i> , <i>Milne-Edw.</i> , <i>Ois. Foss. France</i> , ii. p. 239. | France,
Switzerland (Upper and
Middle Miocene). |
| 26. <i>medius</i> , <i>Milne-Edw. t. c.</i> p. 242. | France (Middle Miocene). |
| 27. <i>desnoyersi</i> , <i>Milne-Edw. t. c.</i> p. 243. | France (Miocene). |

XLIII. SYRMATICUS, *Wagler.*

(*Phasianus*, pt., *Ogilvie Grant*, *Cat. B.* xxii. p. 318, 1893.)

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|--|--------|
| 1. <i>reevesi</i> , <i>J. E. Gray.</i> (p. 337.) | China. |
|--|--------|

XLIV. CALOPHASIS, *Elliot.*

(*Phasianus*, pt., *Ogilvie Grant*, *t. c.* p. 318.)

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|---|-----------------|
| 1. <i>elliotti</i> (<i>Swinh.</i>). (p. 335.) | S.E. China. |
| 2. <i>humiaë</i> , <i>Hume.</i> (p. 335.) | Manipur. |
| 3. <i>burmanicus</i> , <i>Oates</i> , <i>Ibis</i> , 1898, p. 124. | S. Shan States. |

XLV. CHRYSOLOPHUS, *J. E. Gray.*

(*Ogilvie Grant*, *t. c.* p. 339.)

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|--|------------------------|
| 1. <i>pictus</i> (<i>Linn.</i>). (p. 339.) | S. & W. China. |
| 2. <i>obscurus</i> (<i>Schl.</i>). (p. 341.) | Patr. ign. |
| 3. <i>amherstiaë</i> , <i>Leadb.</i> (p. 342.) | W. China,
E. Tibet. |

XI.VI. *GALLUS*, *Briss.**

(Ogilvie Grant, *Cat. B.* xxii. p. 343, 1893.)

1. *gallus* (*Linn.*). (p. 344.) Indian Peninsula,
Indo-Chinese countries,
Malay Peninsula,
Indo-Malayan Islands.
2. *lafayettei*, *Less.* (p. 348.) Ceylon.
3. *sonnerati*, *Temm.* (p. 350.) S. & C. Indian Peninsula.
4. *varius* (*Shaw & Nodd.*). (p. 352.) Greater & Lesser
Sunda Is.
5. *brabardi*, *Gervais*, *Mém. Acad. Montp.* i. p. 220
(1850). France (Upper Pliocene).
6. *arsculapii*, *Gaudry*, *C. R.* liv. p. 504 (1861). Greece (Lower Pliocene).
7. *sp.*, *Lydekker*, *Cat. Foss. B.* p. 142 (1891). New Zealand
(Pleistocene).
8. *sp.*, *Lydekker*, *t. c.* p. 142. Central Germauy
(Pleistocene).

XI.VII. *POLYPLECTRUM*, *Temm.*

(Ogilvie Grant, *t. c.* p. 353.)

1. *chinquis* (*P. L. S. Müll.*). (p. 354.) E. Himalayas,
Indo-Burmese countries.
2. *germaini*, *Elliot.* (p. 357.) Cochin China.
3. *intermedium*, *Hume.* (*Cf. Oates, Man.*
Game-Birds of India, pt. i. p. 234.) Lushai & Chin Hills.
4. *bicalcaratum* (*Linn.*). (p. 357.) S. Tenasserim,
Malay Peninsula,
Sumatra.
5. *schleiermacheri*, *Brüggem.* (p. 359.) N. & C. Borneo.
6. *napoleonis*, *Less.* (p. 361.) Philippines (Palawan).
[*nchrkornæ*, Ogilvie Grant, *Cat.* p. 360.]

* *Gallus stramineicollis*, Sharpe, and *G. violaceus*, Kelsall (*J. A. S. Straits Br.* xxiv. p. 167, 1891), are considered by Mr. Grant to be only domestic varieties.

XLVIII. *CHALCURUS*, *Bp.*

(Ogilvie Grant, Cat. B. xxii. p. 361, 1893.)

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|---|----------|
| 1. <i>chalcurus</i> (<i>Less.</i>). (p. 361.) | Sumatra. |
|---|----------|

XLIX. *ARGUSIANUS*, *Rafin.*(Ogilvie Grant, *t. c.* p. 362.)

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|--|---|
| 1. <i>argus</i> (<i>Linn.</i>). (p. 363.) | Siam,
S. Tenasserim,
Malay Peninsula,
Sumatra. |
| 2. <i>grayi</i> (<i>Elliot</i>). (p. 365.) | Borneo. |
| 3. <i>bipunctatus</i> (<i>Wood</i>). (p. 366.) | Patr. ign. |

L. *RHEINARDIUS*, *Oust.*(Ogilvie Grant, *t. c.* p. 366.)

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|---|-------|
| 1. <i>ocellatus</i> (<i>Ferr.</i>). (p. 367.) | Annam |
|---|-------|

LI. *PAVO*, *Linn.*(Ogilvie Grant, *t. c.* p. 368.)

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|---|--|
| 1. <i>cristatus</i> , <i>Linn.</i> (p. 368.) | Indian Peninsula,
Ceylon,
Assam. |
| 2. <i>nigripennis</i> , <i>Sclater</i> , P. Z. S. 1860, p. 221. | Patr. ign.
[? domestic variety.] |
| 3. <i>muticus</i> , <i>Linn.</i> (p. 371.) | Burma,
Cochin China,
Malay Peninsula,
Java. |

INCERTÆ SEDIS.

Anissoleornis, *Amegh.* (Rev. Argent. i. p. 449, 1891.)

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|---|----------------------|
| 1. <i>errabatus</i> , <i>Amegh. t. c.</i> | Patagonia (Miocene). |
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Family III. NUMIDIDÆ.

I. PHASIDUS, *Class.*

(Ogilvie Grant, Cat. B. xxii. p. 373, 1893.)

1. *niger*, *Cass.* (p. 373.) Gaboon to Lower Congo.

II. AGELASTES, *Bp.*

(Ogilvie Grant, *t. c.* p. 374.)

1. *meleagrides*, *Bp.* (p. 374.) Liberia to Gaboon.

III. NUMIDA, *Linn.**

(Ogilvie Grant, Cat. B. xxii. p. 374, 1893 ;
Oscar Neumann, Orn. MB. vi. pp. 17-22.)

1. *meleagris*, *Linn.* (p. 375.) West Africa,
Senegambia to the Niger,
Cape Verde Isl.
2. *marchei*, *Oust.* (*Cf.* Neumann, *l. c.*) Gaboon,
[*meleagris*, pt., Ogilvie Grant, *l. c.*] Lower Congo.
3. *coronata*, *Gray.* (p. 376.) ? East Cape Colony,
[*cornuta*, F. & H., teste Neum. *l. c.*] Natal.
4. *transvaalensis*, *Neum.*, Orn. MB. vii. p. 26 (1899). Transvaal.
5. *papillosa*, *Reichen.*, Orn. MB. ii. p. 145 (1894). Kalahari Desert,
[*cornuta*, Ogilvie Grant, *nec* F. & H.] Benguela, south to
Namaqua-land.
6. *reichenowi*, *Ogilvie Grant*, Ibis, 1894. p. 535, Inner E. Africa,
fig. 1. Kilimanjaro to Masai-
land & Kikuyu.
7. *ansorgii*, *Hartert*, in Ansorge, 'Under the African Equat. Africa.
Sun,' App. p. 331 (1899).
8. *uhehensis*, *Reichen.*, Orn. MB. vi. p. 881 (1898). Uhehe, German
E. Africa.
9. *marungensis*, *Schalow.* (Neumann, *t. c.* p. 20.) West side of Lake Tan
ganyika (Marungu).

* *N. zechi*, Reichen. Orn. MB. iv. p. 76 (1896), is a domestic variety, teste Reichenow,
in litt.

10. **maxima**, *Neum. t. c.* p. 21.
[*marungensis*, Ogilvie Grant, Cat. p. 377.] Benguela.
11. **intermedia**, *Neum. t. c.* p. 21. West side of Victoria
Nyanza, S. to Kagera.
12. **mitrata**, *Pall.* (p. 378.) Lemuria.
Zambesi to Mombasa,
Ugogo,
Masai-land,
East side of Lake
Tanganyika.
13. **ptilorhyncha**, *Licht.* (p. 379.) N.E. Africa,
Suakin to Abyssinia.
Uganda.
14. **somaliensis**, *Neumann*, Orn. MB. vii. p. 25 (1899). Somali-land.

IV. GUTTERA, *Wagler*.

(Ogilvie Grant, Cat. B. xxii. p. 380, 1893;
Reichen. Orn. MB. vi. pp. 1-3, 1898.)

1. **cristata**, *Wagler.* (p. 381.) W. Africa,
Sierra Leone to
Gold Coast,
Togo-land.
2. **granti**, *Elliot.* (Reichen. *t. c.* p. 3.) German E. Africa.
[*pucherani*, pt., Ogilvie Grant, Cat. p. 383.]
3. **edouardi**, *Elliot.* (p. 382.) Natal,
Zulu-land,
Mozambique,
Zambesi.
4. **pucherani** (*Hartl.*). (p. 383.) E. Africa.
5. **sclateri**, *Reichen.*, Orn. MB. vi. p. 115. Cameroons,
? Ubangi R.
6. **plumifera** (*Cass.*). (p. 384.) Cameroons to
Loango.

V. ACRYLLIUM, *Gray*.

(Ogilvie Grant, Cat. B. xxii. p. 385, 1893.)

1. **vulturinum** (*Hardw.*). (p. 385.) Somali-land to
Kilimanjaro.

Family IV. MELEAGRIDÆ.

I. MELEAGRIS, *Linn.*

(Ogilvie Grant, Cat. B. xxii. p. 386, 1893;

cf. Coates, Auk, xiv. p. 272.)

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|--|--|
| 1. <i>gallopavo</i> , <i>Linn.</i> (p. 387.) | S.W. U. States, from
W. Texas to Arizona,
and S. to Table-land of
Mexico. |
| 2. <i>intermedia</i> , <i>Sennett</i> , Bull. U.S. Geol. Surv. v.
p. 428 (1879).
[<i>elliotti</i> , <i>Sennett</i> . (p. 388.)] | S.E. Texas to
E. Mexico. |
| 3. <i>fera</i> , <i>Vieill.</i>
[<i>americana</i> , <i>Bartr.</i> (p. 389.)] | Eastern U. States W. to
South Dakota. |
| 4. <i>osceola</i> , <i>Scott.</i> (p. 390.) | Florida. |
| 5. <i>superba</i> , <i>Cope</i> , Tr. Amer. Phil. Soc. xiv.
p. 239 (1872). | New Jersey (Post-
Pliocene). |
| 6. <i>alta</i> , <i>Marsh</i> , Proc. Acad. Nat. Sci. Philad.
1870, p. 11. | New Jersey (Post-
Pliocene). |
| 7. <i>reiser</i> , <i>Marsh</i> , <i>t. c.</i> p. 11. | New Jersey (Post-
Pliocene). |
| 8. <i>antiqua</i> , <i>Marsh</i> , <i>t. c.</i> p. 126. | Colorado (Miocene). |

II. AGRIOCHARIS, *Chapman*, Bull. Amer. Mus.

viii. p. 298 (1896).

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|---|--|
| 1. <i>ocellata</i> (<i>Cuv.</i>). (p. 391.) | Guatemala,
Brit. Honduras, Yucatan. |
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Family V. ODONTOPHORIDÆ.

I. DENDRORTYX, *Gould.*

(Ogilvie Grant, Cat. B. xxii. p. 392, 1893.)

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|---|---------------------------------|
| 1. <i>macrurus</i> (<i>J. & S.</i>). (p. 392.) | S. Mexico.
Colima, Guerrero. |
| 2. <i>oaxacæ</i> , <i>Nelson</i> , Auk, xiv. p. 43 (1897). | Oaxaca. |
| 3. <i>griseipectus</i> , <i>Nelson</i> , <i>t. c.</i> p. 44 (1897). | Morelos, Mexico. |
| 4. <i>striatus</i> , <i>Nelson</i> , <i>t. c.</i> p. 44 (1897). | Guerrero. |

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|---|-------------------------|
| 5. <i>barbatus</i> , <i>Licht.</i> (p. 393.) | S.E. Mexico, Vera Cruz. |
| 6. <i>leucophrys</i> (<i>Gould</i>). (p. 394.) | Guatemala, Costa Rica. |
| 7. <i>hypcspodius</i> , <i>Salvin</i> , Bull. B. O. Club, vi. p. v. | Costa Rica. |

II. *CALLIPEPLA*, *Wagler*.

(Ogilvie Grant, Cat. B. xxii. p. 394, 1893.)

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| 1. <i>squamata</i> (<i>Fig.</i>). (p. 395.) | New Mexico, Arizona,
S.W. Texas,
N. & C. Mexico. |
| 2. <i>castanogaster</i> , <i>Brewst.</i> (p. 396.) | N.E. Mexico,
Rio Grande, Texas. |

III. *OREORTYX*, *Baird*.

(Ogilvie Grant, *t. c.* p. 397.)

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|---|---------------------|
| 1. <i>pictus</i> (<i>Dougl.</i>). (p. 397.) | Pacific coast, U.S. |
| 2. <i>plumiferus</i> (<i>Gould</i>). (p. 397, pt.*). | Sierra Nevada, etc. |
| 3. <i>confinis</i> , <i>Anthony</i> , Proc. Calif. Acad. Sci. (2) ii. p. 74 (1889). | Lower California. |

IV. *LOPHORTYX*, *Bp.*

(Ogilvie Grant, *t. c.* p. 399.)

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|---|--|
| 1. <i>californicus</i> (<i>Shaw & Nodd.</i>). (p. 400.) | Pacific coast-region of
United States from
Washington State to
Cape S. Lucas. |
| 2. <i>vallicola</i> , <i>Ridgw.</i> , Proc. U.S. Nat. Mus. viii. p. 355 (1885). | Interior of California to
Cape S. Lucas. |
| 3. <i>gambeli</i> , <i>Nutt.</i> (p. 403.)
[<i>deserticola</i> , <i>Stephens</i> , Auk, xii. p. 371, 1895.] | W. Texas to Arizona,
Utah to Sonora, and
S. California. |
| 4. <i>fulvipectus</i> , <i>Nelson</i> , Auk, xvi. p. 26 (1899). | N.W. Mexico (Sonora). |
| 5. <i>douglasi</i> (<i>Fig.</i>). (p. 404.) | W. Mexico. |
| 6. <i>bensoni</i> , <i>Ridgw.</i> †. | Sonora. |
| 7. <i>leucopropon</i> , <i>Reichen.</i> , Orn. MB. iii. p. 10 (1895). | Patr. ign. |

* Not considered different from *O. pictus* by Mr. Ogilvie Grant (*l. c.*).

† *In litt.*

V. **PHILORTYX**, *Gould*.

(Ogilvie Grant, Cat. B. xxii. p. 405, 1893.)

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| 1. <i>fasciatus</i> , <i>Gould</i> . (p. 406.) | S. Mexico. |
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VI. **EUPSYCHORTYX**, *Gould*.

(Ogilvie Grant, *t. c.* p. 407.)

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|---|--|
| 1. <i>cristatus</i> (<i>Linn.</i>). (p. 407.) | Curaçao Isl., Aruba Isl. |
| 2. <i>pallidus</i> , <i>Richm.</i> , Proc. U.S. Nat. Mus. xviii.
p. 657 (1896). | Margarita Isl. |
| 3. <i>leucopogon</i> (<i>Less.</i>). (p. 409.) | Panama, Colombia. |
| 4. <i>sonnini</i> (<i>Temm.</i>). (p. 409.) | Brit. Guiana, Venezuela,
Rio Negro. |
| 5. <i>mocquerysi</i> , <i>Hartert</i> . (Grant, Handb. Game-
Birds, ii. p. 131.) | Cumaná,
N. Venezuela. |
| 6. <i>parvicristatus</i> (<i>Gould</i>). (p. 410.) | Colombia. |
| 7. <i>leylandi</i> (<i>Moore</i>). (p. 411.) | Honduras,
Nicaragua, Costa Rica. |
| 8. <i>nigrigularis</i> (<i>Gould</i>). (p. 412.) | Yucatan,
Brit. Honduras,
Honduras. |
| 9. <i>hypoleucus</i> , <i>Gould</i> . (p. 413.) | Guatemala. |

VII. **COLINUS**, *Less.*

(*Ortyx*, Ogilvie Grant, Cat. B. xxii. p. 414, 1893.)

[*Ortyx*, Steph. 1819, nec Oken. Zool. ii. p. 611 (1816).]

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|---|--|
| 1. <i>virginianus</i> (<i>Linn.</i>). (p. 415.) | E. U. States,
W. to Dakota,
S. to Gulf States. |
| 2. <i>floridanus</i> , <i>Coues</i> . (p. 418.) | Florida. Cuba (? intr.). |
| 3. <i>texanus</i> , <i>Lawr.</i> (p. 419.) | S. & W. Texas,
N.E. & W. Mexico. |
| 4. <i>maculatus</i> , <i>Nelson</i> , Auk, xvi. p. 26 (1899). | Tamaulipas & San Luis
Potosi, Mexico. |
| 5. <i>cubanensis</i> , <i>Gould</i> . (p. 421.) | Cuba. ? Porto Rico. |
| 6. <i>pectoralis</i> , <i>Gould</i> . (p. 421.) | E. Mexico (Vera Cruz). |

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|---|-------------------------------------|
| 7. <i>graysoni</i> , <i>Laur.</i> (p. 422.) | W. Mexico (Jalisco). |
| 8. <i>ridgwayi</i> (<i>Brewst.</i>). (p. 422.) | Arizona and Sonora. |
| 9. <i>nigripectus</i> , <i>Nelson</i> , <i>Auk</i> , xiv. p. 47 (1897). | Mexico (Plains of Southern Puebla). |
| 10. <i>godmani</i> , <i>Nelson</i> , <i>Auk</i> , xiv. p. 45 (1897). | Mexico (Vera Cruz). |
| 11. <i>salvini</i> , <i>Nelson</i> , <i>Auk</i> , xiv. p. 45 (1897). | Mexico (Plains of Chiapas). |
| 12. <i>coyolcos</i> (<i>P. L. S. Müll.</i>). (p. 423.) | S. Mexico (Oaxaca). |
| 13. <i>atriceps</i> (<i>Ogilvie Grant</i> , <i>Cat. B.</i> xxii. p. 424; <i>id.</i> <i>Handb. Game-Birds</i> , ii. p. 144, pl. xxxiii.). | W. Mexico (Putla). |
| 14. <i>insignis</i> , <i>Nelson</i> , <i>Auk</i> , xiv. p. 46 (1897). | N. Guatemala (Nenton). |
| 15. <i>castaneus</i> (<i>Gould</i>). (p. 424.) | Patr. ign. |

VIII. CYRTONYX, *Gould*.

(*Ogilvie Grant*, *Cat. B.* xxii. p. 425, 1893.)

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| 1. <i>montezumæ</i> (<i>Fig.</i>). (p. 425.) | Arizona, S.W. Texas,
Valley of Mexico. |
| 2. <i>meleagris</i> , <i>Wagler</i> . (<i>Cf.</i> <i>Nelson</i> , <i>Auk</i> , xix. p. 48, 1897.) | Mexico. |
| 3. <i>merriami</i> , <i>Nelson</i> , <i>Auk</i> , xiv. p. 48 (1897). | Vera Cruz (Mt. Orizaba). |
| 4. <i>sallæi</i> , <i>Ferr.</i> (p. 427.) | Mexico (Guerrero). |
| 5. <i>ocellatus</i> (<i>Gould</i>). (p. 428.) | Mexico (Tehuantepec)
to Guatemala. |

IX. DACTYLORTYX, *Ogilvie Grant*.

(*Ogilvie Grant*, *t. c.* p. 429.)

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| 1. <i>thoracicus</i> (<i>Gambel</i>). (p. 429.) | S. Mexico, Yucatan,
Guatemala,
San Salvador. |
| 2. <i>lineolatus</i> , <i>Gould</i> . (<i>Nelson</i> , <i>Proc. Biol. Soc.</i> Washingt. xii. p. 66, 1898.) | S.W. Oaxaca,
Chiapas. |
| 3. <i>chiapensis</i> , <i>Nelson</i> , <i>t. c.</i> p. 66. | Chiapas, S. Mexico. |
| 4. <i>devius</i> , <i>Nelson</i> , <i>t. c.</i> p. 68. | Jalisco, W. Mexico. |

X. ODONTOPHORUS, I'.

(Ogilvie Grant, Cat. B. xxii. p. 430, 1893.)

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|---|--|
| 1. <i>guianensis</i> (<i>Gm.</i>). (p. 432.) | British Guiana,
Lower Amazonia. |
| 2. <i>marmoratus</i> (<i>Gould</i>). (p. 433.) | Bolivia & Peru to
Colombia & Panama. |
| 3. <i>capueira</i> (<i>Spix</i>). (p. 434.) | E. Brazil (Bahia) to
Rio Grande do Sul. |
| 4. <i>melanotis</i> , <i>Salvin.</i> (p. 435.) | Nicaragua,
Costa Rica,
Panama. |
| 5. <i>erythrops</i> , <i>Gould.</i> (p. 435.) | Ecuador. |
| 6. <i>hyperythrus</i> , <i>Gould.</i> (p. 436.) | Colombia. |
| 7. <i>speciosus</i> , <i>Tschudi.</i> (p. 437.) | Peru,
Ecuador. |
| 8. <i>melanonotus</i> , <i>Gould.</i> (p. 438.) | Ecuador. |
| 9. <i>leucolæmus</i> , <i>Salvin.</i> (p. 438.) | Costa Rica,
Panama. |
| 10. <i>parambæ</i> , <i>Rothschid</i> , Bull. Brit. Orn. Club, vii.
p. vi (1897). | Ecuador,
Colombia. |
| 11. <i>stellatus</i> (<i>Gould</i>). (p. 439.) | Upper Amazonia,
E. Ecuador. |
| 12. <i>guttatus</i> (<i>Gould</i>). (p. 439.) | S. Mexico to
Panama. |
| 13. <i>consobrinus</i> , <i>Ridgw.</i> , Proc. U. S. Nat. Mus. xvi.
p. 469 (1893). | S. Mexico (Mirador). |
| 14. <i>veraguensis</i> , <i>Gould.</i> (p. 441.) | Costa Rica to
Panama. |
| 15. <i>balliviani</i> , <i>Gould.</i> (p. 441.) | Peru, Bolivia. |
| 16. <i>strophium</i> (<i>Gould</i>). (p. 442.) | Colombia. |
| 17. <i>colombianus</i> , <i>Gould.</i> (p. 442.) | Venezuela. |

XI. RHYNCHORTYX, *Ogilvie Grant.*

(Ogilvie Grant, t. c. p. 443.)

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|---|----------------------|
| 1. <i>spediciethus</i> (<i>Salvin</i>). (p. 443.) | Panama to Nicaragua. |
| 2. <i>cinctus</i> (<i>Salvin</i>). (p. 444.) | Panama. |

Order III. HEMIPODII.

(Sharpe, Classif. B. p. 69, 1891.)

Family I. **TURNICIDÆ.**

(Ogilvie Grant, Cat. B. xxii. p. 526, 1893.)

I. **TURNIX**, *Bonn.*(Ogilvie Grant, *t. c.* p. 526.)

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|--|---|
| 1. pugnax (<i>Temm.</i>). (p. 534.) | Indian Peninsula,
Himalayas to 7000 feet,
S.W. Ceylon,
Indo-Chinese countries,
Malay Peninsula,
Sumatra, Java,
Billiton,
China, Formosa,
Liu-Kiu Isl. |
| 2. fasciata (<i>Temm.</i>). (p. 535.) | Philippines. |
| 3. rufilatus , <i>Wall.</i> (p. 536.) | Celebes. |
| 4. powelli , <i>Guillen.</i> (p. 537.) | Lesser Sunda Is. |
| 5. sylvatica (<i>Desf.</i>). (p. 537.) | S.E. Europe,
N.W. Africa. |
| 6. lepurana (<i>Smith.</i>). (p. 539.) | Africa. |
| 7. dussumieri (<i>Temm.</i>). (p. 540.) | Indian Peninsula,
Himalayas to 6000 feet
Burma,
? S. China,
Hainan, Formosa. |
| 8. nana (<i>Sunder.</i>). (p. 541.) | S. Africa. |
| 9. hottentotta (<i>Temm.</i>). (p. 542.) | Cape Colony. |
| 10. whiteheadi , <i>Ogilvie Grant</i> , Handb. Game-Birds, ii. p. 276 (1896). | Philippines (Luzon). |
| 11. blanfordi , <i>Blyth.</i> (p. 542.) | E. Bengal to
S. Tenasserim,
Siam,
China,
Manchuria. |

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| 12. tanki , <i>Blyth</i> . (p. 544.) | Indian Peninsula,
Himalayas to 4000 feet. |
| 13. albiventer , <i>Hume</i> . (p. 545.) | Nicobars,
Andamans. |
| 14. maculosa , <i>Temm</i> . (p. 546.) | N. & E. Australia,
S. New Guinea,
S.E. Celebes. |
| 15. saturata , <i>Forbes</i> . (p. 547.) | Bismarck Archipelago. |
| 16. rufescens , <i>Wall</i> . (p. 547.) | Lesser Sunda Is. (Timor). |
| 17. ocellata (<i>Scop.</i>). (p. 548.) | Philippines (Luzon). |
| 18. nigricollis (<i>Gm.</i>). (p. 549.) | Madagascar. |
| 19. melanogaster (<i>Gould</i>). (p. 550.) | E. Australia. |
| 20. varia (<i>Lath.</i>). (p. 551.) | Australia. |
| 21. novæ caledoniæ , <i>Ogilvie Grant</i> , Cat. p. 552,
note. | New Caledonia. |
| 22. castanonota (<i>Gould</i>). (p. 552.) | N. Australia. |
| 23. pyrrhothorax (<i>Gould</i>). (p. 553.) | N.E. Australia,
E. & S. Australia. |
| 24. everetti , <i>Hartert</i> , Nov. Zool. v. p. 476 (1898). | Sumba Isl. |
| 25. leucogaster , <i>North</i> , Ibis, 1895, p. 342. | O. Australia. |
| 26. velox (<i>Gould</i>). (p. 553.) | Australia. |

II. PEDIONOMUS, *Gould*.

(*Ogilvie Grant*, Cat. B. xxii. p. 554.)

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| 1. torquatus , <i>Gould</i> . (p. 554.) | Australia. |
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Order IV. PTEROCLIDIFORMES.

(Cf. Ogilvie Grant, Cat. B. xxii. p. 1, 1893.)

Family I. PTEROCLIDIDÆ.

(Cf. Ogilvie Grant, t. c. p. 2.)

I. SYRRHAPTES, *Illiger*.

(Ogilvie Grant, t. c. p. 2.)

1. *paradoxus* (*Pall.*) (p. 2.)Kirghis Steppes to
Central Asia,
Mongolia & N. China.
W. Europe (sporadic).2. *tibetanus*, *Gould*. (p. 5.)High Tibet (12,000–
18,000 feet).II. PTEROCLIDURUS, *Bp.*

(Cf. Ogilvie Grant, t. c. p. 6.)

1. *alchatus* (*Linn.*) (p. 7.)Palestine to Central Asia
& N.W. India.2. *pyrenaicus* (*Seeböhm*). (p. 9.)

Mediterranean countries.

3. *namaquus* (*Gm.*) (p. 10.)Central S. Africa,
Transvaal to Benguela &
Namaqua-land.4. *exustus* (*Temm.*) (p. 12.)Senegambia to N. & E.
Africa.
Palestine to Central Asia.5. *senegallus* (*Linn.*) (p. 14.)

S. Sahara to N.W. India.

III. PTEROCLIS, *Temm.*

(Cf. Ogilvie Grant, t. c. p. 16.)

1. *arenarius* (*Pall.*) (p. 18.)Mediterranean countries
to Central Asia.2. *decoratus*, *Cab.* (p. 21.)

E. Africa.

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| 3. <i>variegatus</i> , <i>Smith.</i> (p. 22.) | S. Africa, Transvaal,
Damara-land. |
| 4. <i>coronatus</i> , <i>Licht.</i> (p. 23.) | S. Sahara to N.W. India. |
| 5. <i>gutturalis</i> , <i>Smith.</i> (p. 25.) | E. Africa, N. to Abyssinia
& S. to Transvaal. |
| 6. <i>personatus</i> , <i>Gould.</i> (p. 26.) | Madagascar. |
| 7. <i>lichtensteini</i> , <i>Temm.</i> (p. 29.) | N.E. & Equatorial Africa
to N.W. India. |
| 8. <i>bicinctus</i> , <i>Temm.</i> (p. 30.) | Central S. Africa to
Mossamedes. |
| 9. <i>fasciatus</i> (<i>Scop.</i>). (p. 27.) | Indian Peninsula. |
| 10. <i>quadricinctus</i> , <i>Temm.</i> (p. 32.) | Senegambia to Abyssinia. |
| 11. <i>serpullus</i> , <i>Milne-Edw.</i> , Ois. Foss. France, ii.
p. 294, pl. cxli. figs. 1-9 (1869). | France (Lower Miocene). |
| 12. <i>varius</i> , <i>Milne-Edw.</i> , C. R. II. Congr. Orn.
Intern. ii. p. 70 (1892). | France (Eocene). |
| 13. <i>larbatus</i> , <i>Milne-Edw. t. c.</i> p. 71. | France (Eocene). |
| 14. <i>balidus</i> , <i>Milne-Edw. t. c.</i> p. 60. | France (Eocene), |

Order V. COLUMBIFORMES.

Sub-Order I. *COLUMBÆ*.

(Salvad. Cat. B. xxi. p. 2, 1893.)

Family I. *TRERONIDÆ*.

(Salvad. *t. c.* p. 3.)

Sub-Family I. *TRERONINÆ*.

I. *SPHENOCERCUS*, *Gray.*

(Salvad. *t. c.* p. 4.)

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|--|---|
| 1. <i>apicicauda</i> , <i>Blyth.</i> (p. 4.) | Himalayas,
Kumaon to Assam,
Burma,
Tenasserim. |
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| 2. <i>oxyurus</i> (<i>Temm.</i>). (p. 7.) | Java, Sumatra,
Borneo. |
| 3. <i>sphenurus</i> (<i>Vig.</i>). (p. 8.) | Himalayas,
Kashmir to Assam,
Burma,
Tenasserim. |
| 4. <i>korthalsi</i> , <i>Bp.</i> (p. 11.) | Java,
Sumatra. |
| 5. <i>sieboldi</i> (<i>Temm.</i>). (p. 12.) | Japan. |
| 6. <i>sororius</i> , <i>Swinh.</i> (p. 13.) | Formosa. |
| 7. <i>formosæ</i> (<i>Swinh.</i>). (p. 13.) | Mountains of Formosa. |
| 8. <i>permagnus</i> , <i>Stejn.</i> (p. 14.) | Liu-Kiu Is. |

II. VINAGO, *Cuv.*

(*Salvad. Cat. B. xxi. p. 15, 1893.*)

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|---|--|
| 1. <i>waalia</i> (<i>Gm.</i>). (p. 15.) | Abyssinia,
Somali-land,
Socotra,
Equatorial Africa. |
| 2. <i>crassirostris</i> (<i>Fraser</i>). (p. 17.) | W. Africa,
Isl. of S. Thomas. |
| 3. <i>australis</i> (<i>Linn.</i>). (p. 18.) | Madagascar. |
| 4. <i>calva</i> (<i>Temm. & Knip.</i>). (p. 20.)
[<i>salvadorii</i> , <i>Dubois</i> , <i>P. Z. S. 1897, p. 784.</i>] | W. Africa.
Sierra Leone to Benguela,
E. to Victoria Nyanza. |
| 5. <i>nudirostris</i> , <i>Swains.</i>
[<i>calva</i> , <i>pt.</i> , <i>Salvad. Cat. B. xxi. p. 20.</i>
<i>Cf. Reichen. Orn. MB. vi. p. 12.</i>] | Senegambia,
N.E. & E. Africa. |
| 6. <i>wakefieldi</i> (<i>Sharpe</i>). (p. 23.) | E. Africa. |
| 7. <i>schalowi</i> (<i>Reichen.</i>). (p. 24.) | Matabele-land to
Ovampo-land. |
| 8. <i>delalandei</i> (<i>Bp.</i>). (p. 24.) | E. Cape Colony to the
Zambesi,
Nyasa-land,
N. to Mombasa. |

III. CROCOPUS, Bp.

(Salvad. Cat. B. xxi. p. 26, 1893.)

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|--|---|
| 1. <i>phœnicopterus</i> (<i>Lath.</i>). (p. 26.) | N. & C. Indian Peninsula. |
| 2. <i>viridifrons</i> (<i>Blyth</i>). (p. 28.) | Cachar,
Burma,
Tenasserim,
Cochin China. |
| 3. <i>chlorogaster</i> (<i>Strickl.</i>). (p. 30.) | Indian Peninsula,
Ceylon. |

IV. BUTRERON, Bp.

(Salvad. t. c. p. 32.)

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| 1. <i>capelli</i> (<i>Temm.</i>). (p. 32.) | Mergui Archipelago,
Malay Peninsula,
Sumatra,
Java, Borneo. |
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V. TRERON, Tr.

(Salvad. t. c. p. 33.)

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|--|---|
| 1. <i>nipalensis</i> (<i>Hodgs.</i>). (p. 34.) | E. Bengal,
Nepal to Burma,
Tenasserim,
Siam, Cochin China,
Malay Peninsula,
Sumatra, Borneo,
Palawan. |
| 2. <i>nasica</i> , <i>Schl.</i> (p. 37.) | Sumatra, Engaño,
Banka,
? S. Borneo. |

VI. OSMOTRERON, Bp.

(Salvad. t. c. p. 38.)

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|---|--|
| 1. <i>griseicauda</i> (<i>Gray</i>). (p. 41.) | Java. |
| 2. <i>wallacei</i> , <i>Salvad.</i> (p. 42.) | Celebes,
Sula Is. |
| 3. <i>pallidior</i> , <i>Hartert</i> , Nov. Zool. iii. p. 178 (1896). | Djampea Isl.,
Kalis I., south of Celebes. |
| 4. <i>sangirensis</i> (<i>Brügg.</i>). (p. 43.) | Sangi Is. |

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| 5. phayrei , <i>Blyth</i> . (p. 43.) | Hills of E. Bengal,
Assam, Tenasserim,
Cochin China. |
| 6. malabarica (<i>Jerd.</i>). (p. 45.) | Indian Peninsula. |
| 7. aromatica (<i>Gm.</i>). (p. 47.) | Buru Isl. |
| 8. axillaris (<i>Bp.</i>). (p. 48.) | Philippine Is. |
| 9. everetti , <i>Rothschild</i> , Nov. Zool. i. p. 41 (1897). | Sulu Archipelagc. |
| 10. chloroptera (<i>Blyth</i>). (p. 49.) | Nicobar Is.,
Andaman Is. |
| 11. pompadora (<i>Gm.</i>). (p. 51.) | Ceylon. |
| 12. fulvicollis (<i>Wagl.</i>). (p. 52.) | S. Tenasserim,
Cochin China,
Malay Peninsula,
Sumatra, Nias,
Banka, Billiton,
Borneo. |
| 13. baramensis (<i>A. B. Meyer</i>). (p. 54.) | N. Borneo. |
| 14. teysmanni (<i>Schl.</i>). (p. 55.) | Sumba Isl. |
| 15. psittacea (<i>Temm. & Knip</i>). (p. 55.) | Timor Isl. |
| 16. floris (<i>Wall.</i>). (p. 56.) | Flores,
Solor,
Sumbawa. |
| 17. bicincta (<i>Blyth</i>). (p. 57.) | E. Indian Peninsula to
Nepal, Ceylon,
Indo-Chinese Provinces to
Hainan,
Malay Peninsula. |
| 18. vernans (<i>Linn.</i>). (p. 60.) | Indo-Chinese Provinces,
Malay Peninsula,
Indo-Malayan Is.,
Celebes. |
| 19. olax (<i>Temm.</i>). (p. 64.) | Malay Peninsula,
Sumatra, Borneo. |

VII. PHABOTRERON, *Bp.*

(*Salvad. Cat. B.* xxi. p. 66, 1893.)

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|--|---|
| 1. <i>amethystina</i> , <i>Bp.</i> (p. 66.) | Luzon,
Samar, Leyte,
Mindanao. |
| 2. <i>cinereiceps</i> , <i>Bourne & Worcester</i> , <i>Occ. Papers</i>
<i>Minnesota Acad. i.</i> p. 8 (1894). | Tawi Tawi Isl., Sulu
Archipelago. |
| 3. <i>brunneiceps</i> , <i>Bourne & Worcester</i> , <i>t. c.</i> p. 9. | Basilan. |
| 4. <i>frontalis</i> , <i>Bourne & Worcester</i> , <i>t. c.</i> p. 10. | Cebu. |
| 5. <i>leucotis</i> (<i>Temm.</i>). (p. 67.) | Luzon,
Mindoro. |
| 6. <i>occipitalis</i> , <i>Salvad.</i> (p. 68.) | Basilan. |
| 7. <i>nigrorum</i> , <i>Sharpe</i> . (p. 68.) | Negros, Cebu,
Guimaras, Panay. |
| 8. <i>brevirostris</i> , <i>Tweed.</i> (p. 69.) | Mindanao,
Leyte, Samar,
Sulu Archipelago. |
| 9. <i>maculipectus</i> , <i>Bourne & Worcester</i> , <i>Occ. Papers</i>
<i>Minnesota Acad. i.</i> p. 10 (1894). | Mts. of Negros. |

Sub-Family II. *PTILOPODINÆ*.

VIII. LEUCOTRERON, *Bp.*

(*Salvad. t. c.* p. 71, 1893.)

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|---|---|
| 1. <i>occipitalis</i> , <i>Bp. ex Gray</i> . (p. 72.) | Luzon,
Cebu, Leyte,
Mindanao,
Basilan. |
| 2. <i>fischeri</i> , <i>Brugg.</i> (p. 74.) | N. Celebes. |
| 3. <i>meridionalis</i> , <i>A. B. Meyer & Wiglesw.</i> (p. 74.) | S. Celebes. |
| 4. <i>marchii</i> (<i>Oust.</i>). (p. 75.) | Luzon. |
| 5. <i>roseicollis</i> (<i>Wagl.</i>). (p. 75.) | Java,
Sumatra. |

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| 6. <i>albicincta</i> (<i>Wall.</i>). (p. 77.) | Flores. |
| 7. <i>baliensis</i> , <i>Hartert</i> , Nov. Zool. iii. p. 553 (1893). | Bali. |
| 8. <i>cincta</i> (<i>Temm. & Knip</i>). (p. 77.) | Timor,
Wetter. |
| 9. <i>alligator</i> , <i>Collett</i> , P. Z. S. 1898, p. 354, pl. xxix. | Arnhem Land,
N. Australia. |
| 10. <i>everetti</i> , <i>Rothsch.</i> , Bull. Brit. Orn. Club, vii.
p. xxxiv (1898). | Is. of Alor, Pantar. |
| 11. <i>lettiensis</i> (<i>Schl.</i>). (p. 78.) | Lesser Sunda Is.,
Tenimber Is. |
| 12. <i>gularis</i> (<i>Q. & G.</i>). (p. 78.) | N. Celebes. |
| 13. <i>subgularis</i> (<i>A. B. Meyer & Wigglesw.</i> , Abhandl.
k. zool. Mus. Dresden, 1896-97, no. 2,
p. 4 [1896]). | Peling &
Banggai Is. |
| 14. <i>mangoliensis</i> , <i>Rothsch.</i> , Bull. Brit. Orn. Club,
vii. p. xxxiv (1898). | Sula Mangoli. |
| 15. <i>leclancheri</i> (<i>Bp.</i>). (p. 79.) | Luzon, Guimaras,
Negros, Cebu,
Palawan. |
| 16. <i>jambu</i> (<i>Gm.</i>). (p. 80.) | Malay Peninsula. |

IX. MEZOTRERON, n. gen.

(Cf. *Hartert*, Nov. Zool. iii. p. 589, 1896.)

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| 1. <i>dohertyi</i> , <i>Rothsch.</i> , Bull. Brit. Orn. Club, v.
p. xlvi (1896). | Sumba Isl. |
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X. PTILOPUS, *Swains.*

(Salvad. Cat. B. xxi. p. 83, 1893.)

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|---|---|
| 1. <i>greyi</i> , <i>Bp.</i> (p. 85.) | New Caledonia,
Loyalty Is.,
New Hebrides. |
| 2. <i>pelewensis</i> , <i>Hartl. & Finsch.</i> (p. 85.) | Pelew Is. |
| 3. <i>perousei</i> (<i>Peale</i>). (p. 87.) | Samoa Is.,
Tonga Is.,
Fiji Is. |
| 4. <i>dupetit-thouarsi</i> (<i>Niboux</i>). (p. 89.) | Marquesas Is. |

5. *xanthogaster* (*Wagl.*). (p. 91.) Banda, Koor, Kei Is.,
Lesser Sunda, and
Tenimber Is.
6. *richardsi*, *Ramsy.* (p. 92.) Ugi, Solomon Is.
7. *ponapensis*, *Finsch.* (p. 93.) Ruk Is., Carolines,
Ponapè Is.
8. *hernsheimi*, *Finsch.* (p. 94.) Kushi Is., Carolines.
9. *swainsoni*, *Gould.* (p. 95.) N.E. Australia to
N. S. Wales,
Torres Straits Is.,
S.E. New Guinea.
10. *ewingi*, *Gould.* (p. 96.) Cape York to
N.W. Australia.
11. *flavicollis*, *Bp.* (p. 97.) Timor,
Flores.
12. *fasciatus*, *Peale.* (p. 98.) Samoa Is.
13. *porphyraceus* (*Temm.*). (p. 100.) Tonga Is.,
Fortuna Is.,
Savage Is.,
Fiji Is.
14. *rarotongensis*, *Hortl. & Finsch.* (p. 103.) Rarotonga Is.
15. *coralensis*, *Peale.* (p. 104.) Hervey Is.
16. *smithsonianus*, *Salvad.* (p. 105.) Paumotu Is.
17. *purpuratus* (*Gm.*). (p. 105.) Society Is. (Tahiti).
18. *chrysogaster*, *Gray* (p. 107.) Society Is. (Huahine,
Raiaea).
19. *sp.* (p. 108.) ? Raiatea.
20. *sp.* (p. 108.) Ins. ign.
21. *roseicapillus* (*Less.*). (p. 108.) Marianne Is.
22. *mercieri* (*Des Murs & Prév.*). (p. 110.) Marquesas Is.
(Nukahiwa).

23. **tristrami**, *Salvad.* (p. 111.) Marquesas Is. (Hivaon).

24. **huttoni**, *Finsch.* (p. 111.) Rapa Isl., Austral Is.

XI. LAMFROTHERON, *Bp.*

(*Salvad. Cat. B.* xxi. p. 112, 1893.)

1. **superba** (*Temm. & Knip.*) (p. 112.) Batchian,
Halmahéra,
New Guinea,
Ceram, Amboina,
Bismarck Archipelago,
N. Australia.

2. **temmincki** (*Des Murs & Prév.*) (p. 115.) Celebes,
? Sulu Is.

XII. EUTRERON, *Salvad.*

(*Salvad. t. c.* p. 116.)

1. **pulchella** (*Temm.*) (p. 117.) New Guinea,
Salawati,
Mysol,
Batanta.

XIII. PTILOPODISCUS, *Salvad.*

(*Salvad. t. c.* p. 118.)

1. **coronulatus** (*Gray.*) (p. 118.) Aru Is.,
S.E. New Guinea.
2. **huonensis** (*Meyer.*) (p. 120.) Huon Gulf,
E. New Guinea.
3. **trigeminus** (*Salvad.*) (p. 120.) N.W. New Guinea,
Salawati.
4. **geminus** (*Salvad.*) (p. 121.) N. New Guinea (Dorei
to Kafu),
Krudu Isl.,
Jobi Isl.
5. **quadrigeminus** (*Meyer.*) (p. 121.) Constantine Harbour,
N.E. New Guinea.

XIV. CYANOTRERON, *Bp.*

(Salvad. Cat. B. xxi. p. 121, 1893.)

1. *monacha* (*Temm. ex Reinw.*). (p. 121.)

Halmahéra,
Batchian,
Ternate, Kaioa.

XV. CHLOROTRERON, *Salvad.*

(Salvad. t. c. p. 122.)

1. *humeralis* (*Wall.*). (p. 123.)

N.W. & Central New
Guinea (Fly River),
Salawati,
Waigiou.

2. *jobiensis* (*Schl.*). (p. 124.)

N.W. New Guinea
to Tarawai,
Jobi Isl.

3. *biroi*, *Madarász*, Termés. Füzetek, xx. p. 47,
tab. 1 (1897).

New Guinea.

4. *iozona* (*Gray*). (p. 124.)

S.E. New Guinea,
Aru Is.

XVI. ŒDIRRHINUS, *Cab. & Reichen.*

(Salvad. t. c. p. 125.)

1. *insolitus* (*Schl.*). (p. 126.)

Bismarek Archipelago.

XVII. SYLPHITRERON, *Bp.*

(Salvad. t. c. p. 126.)

1. *tannensis* (*Lath.*). (p. 127.)

New Hebrides.

2. *aurantiifrons* (*Gray*). (p. 128.)

New Guinea,
Salawati,
Jobi, Mysol,
Batanta, Aru Is.

3. *wallacei* (*Gray*). (p. 129.)

Aru Is.,
Kei Is.,
Babbar Isl.,
Tenimber Is.

4. *ornata* (*Schl.*). (p. 131.)

N.W. New Guinea.

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| 5. <i>gestroi</i> (<i>D'Albert. & Salvad.</i>). (p. 131.) | S.E. New Guinea. |
| 6. <i>perlata</i> (<i>Temm.</i>). (p. 132.) | W. New Guinea,
Salawati,
Jobi Isl. |
| 7. <i>zonura</i> (<i>Salvad.</i>). (p. 133.) | S. & S.E. New Guinea,
Aru Is. |
| 8. <i>plumbeicollis</i> (<i>A. B. Meyer.</i>). (p. 133.) | Constantine Harbour,
N.E. New Guinea. |

XVIII. THORACOTRERON, *Salvad.*

(Salvad. Cat. B. xxi. p. 134, 1893.)

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|---|--|
| 1. <i>strophium</i> , <i>Jard.</i> (p. 135.) | Louisiade Is.,
S.E. New Guinea. |
| 2. <i>miqueli</i> , <i>Schl.</i> (p. 136.) | Jobi Isl.,
Miosnoum Isl. |
| 3. <i>rivolii</i> (<i>Prév. & Knip.</i>). (p. 136.) | Bismarck Archipelago. |
| 4. <i>prasinorrhoea</i> (<i>Gray.</i>). (p. 137.) | Salawati,
Jobi and W. Papuan Is.,
Kei Is., Goram,
Amboina, Buru,
Molucca Is. |
| 5. <i>bella</i> (<i>Scl.</i>). (p. 138.) | New Guinea. |
| 6. <i>orientalis</i> , <i>De Vis</i> , Rep. Orn. Coll. New Guinea,
1894. p. 6. | Mt. Maneao, S.E. New
Guinea. |
| 7. <i>speciosa</i> (<i>Schl. ex Rosenb. MS.</i>). (p. 139.) | Is. of Geelvink Bay,
N.W. New Guinea. |
| 8. <i>johannis</i> , <i>Scl.</i> (p. 140.) | Admiralty Is. |
| 9. <i>solomonensis</i> (<i>Gray.</i>). (p. 140.) | Solomon Is. |

XIX. SPILOTRERON, *Salvad.*

(Salvad. t. c. p. 141.)

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|--|--|
| 1. <i>melanocephala</i> (<i>Forst.</i>). (p. 142.) | Java, Flores,
Sumbawa,
Sumba.
Lombok. |
|--|--|

2. *bangueyensis* (*A. B. Meyer*). (p. 143.) Mindanao,
Basilan,
Sulu Is.,
Banguay Isl.
3. *melanospila* (*Salvad.*). (p. 144.) Celebes,
Togian Is.
4. *chrysorrhoea* (*Salvad.*). (p. 144.) Sula Is.,
Ceram.
5. *pelingensis*, *Hartert*, Nov. Zool. v. p. 135
(1898). Peling &
Banggai Is.
6. *xanthorrhoea* (*Salvad.*). (p. 145.) Sangi Is.

XX. IONOTRERON, *Bp.*

(*Salvad. Cat. B. xxi. p. 146, 1893.*)

1. *nana* (*Temm.*). (p. 147.) S. & C. New Guinea,
Salawati,
Mysol.
2. *ionogaster* (*Temm.*). (p. 148.) Halmahéra,
Batchian.
3. *granulifrons* (*Hartert*, Bull. Brit. Orn. Club,
vii. p. xxxv, 1898). Obi Isl.
4. *pectoralis* (*Wagl.*). (p. 149.) W. New Guinea.
Waigiou,
Mysol.
5. *salvadorii* (*Rothsch.*). (p. 150.) Jobi.
6. *viridis* (*Linn.*). (p. 151.) Amboina,
Ceram,
Burn.
7. *musschenbroeki* (*Schl.*). (p. 152.) N.W. New Guinea,
Is. of Geelvink Bay.
8. *lewisi* (*Ramsay*). (p. 153.) Solomon Is. (Guadal-
canar).
9. *vicina*, *Hartert*, Nov. Zool. ii. p. 62 (1895). Fergusson Isl.
10. *eugeniae*, *Gould*. (p. 153.) Solomon Is. (Ugi).

XXI. CHRYSÆNAS, Bp.

(Salvad. Cat. B. xxi. p. 155, 1893.)

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|--|---------------------------------|
| 1. <i>luteovirens</i> (Homb. & Jacq.). (p. 155.) | Fiji Is. (Ovalau, Viti Levu). |
| 2. <i>victor</i> , Gould. (p. 157.) | Fiji Is. (Vanua Levu, Taviuni). |
| 3. <i>viridis</i> , Layard. (p. 158.) | Fiji Is. (Kandavu). |

XXII. DREPANOPTILA, Bp.

(Salvad. t. c. p. 158.)

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|---|----------------|
| 1. <i>holosericea</i> (Temm. & Knip). (p. 158.) | New Caledonia. |
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XXIII. ALECTRÆNAS, Gray.

(Salvad. t. c. p. 160.)

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|--|--------------------------|
| 1. <i>pulcherrima</i> (Scop.). (p. 161.) | Seychelles Is. |
| 2. <i>sganzini</i> (Des Murs). (p. 162.) | Comoro Is. |
| 3. <i>minor</i> , Berl., Abb. Senck. nat. Ges. 1898, p. 493. | Aldabra Is. |
| 3. <i>nitidissima</i> (Scop.). (p. 163.) | Mauritius (extinct). |
| 4. <i>madagascariensis</i> (Linn.). (p. 164.) | Madagascar,
Nossi Bé. |

XXIV. MEGALOPREPIA, Reichenb.

(Salvad. t. c. p. 166.)

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|--|---|
| 1. <i>formosa</i> , Gray. (p. 166.) | Is. of Halmahéra,
Batchian,
Ternate.
Obi Is. |
| 2. <i>magnifica</i> (Temm.). (p. 167.) | E. Australia (N. S. Wales
to Rockingham Bay). |
| 3. <i>assimilis</i> (Gould). (p. 168.) | N.E. Australia (Cape York
to Rockingham Bay). |
| 4. <i>poliura</i> , Salvad. (p. 169.) | C. New Guinea (Fly
River). |

5. **septentrionalis**, *A. B. Meyer*, Abhandl. k. zool. N. & E. New Guinea,
Mus. Dresd. 1892-93, no. 3, p. 25 Jobi Isl.
(1893).

6. **puella** (*Less.*). (p. 170.)

W. New Guinea,
Salawati, Batanta,
Waigiou, Ghemien.

XXV. *Lithophaps*, *De Vis*.

(Proc. Linn. Soc. N. S. W. (2) vi. p. 117, 1891.)

1. **ulmaris**, *De Vis*, *l. c.*

Queensland.

Sub-Family III. *CARPOPHAGINÆ*.

(Salvad. Cat. B. xxi. p. 171, 1893.)

XXVI. *SERRESIUS*, *Bp.*

(Salvad. *t. c.* p. 171.)

1. **galeatus**, *Bp.* (p. 171.)

Marquesas Is.

XXVII. *GLOBICERA*, *Bp.*

(Salvad. *t. c.* p. 172.)

1. **pacifica** (*Gm.*). (p. 173.)

Samoa, Tonga Is.,
Fiji Is., New Hebrides,
Louisiane Archipelago,
S.E. New Guinea.

2. **oceanica** (*Less.*). (p. 176.)

Caroline Is.,
Pelew Is.,
Marshall Isl.
(nearly extinct).

3. **myristicivora** (*Scop.*). (p. 177.)

W. New Guinea,
Mysol, Waigiou.

4. **rubricera** (*Gray*). (p. 178.)

Bismarek Archipelago.

5. **rufigula** (*Salvad.*). (p. 179.)

Solomon Is.

6. **auroræ** (*Peale*). (p. 180.)

Maitea, Society Is.

7. **wilkesi** (*Peale*). (p. 181.)

Tahiti, Society Is.

8. **forsteri** (*Wagl.*). (p. 172, note.)

Tahiti.

XXVIII. CARPOPHAGA, *Selby*.

(Salvad. Cat. B. xxi. p. 181, 1893.)

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|--|---|
| 1. <i>whartoni</i> , <i>Sharpe</i> . (p. 184.) | Christmas Isl.,
Indian Ocean. |
| 2. <i>cenothorax</i> , <i>Salvad.</i> (p. 184.) | Engaño Isl., Sumatra. |
| 3. <i>insularis</i> , <i>Blyth</i> . (p. 185.) | Nieobar Is. |
| 4. <i>consobrina</i> , <i>Salvad.</i> (p. 186.) | Nias Isl. |
| 5. <i>concinna</i> , <i>Wall.</i> (p. 186.) | Aru Isl., Kei Is.,
Moluccas,
Lesser Sunda Is.,
Tenimber Is.,
Sangi Is.,
S. Celebes. |
| 6. <i>separata</i> , <i>Hartert</i> , Nov. Zool. iii. p. 180 (1896). | Kei Is. |
| 7. <i>geelvinkiana</i> , <i>Schl.</i> (p. 188.) | Is. of Geelvink Bay,
N.W. New Guinea. |
| 8. <i>paulina</i> (<i>Bp. ex Temm.</i>). (p. 188.) | Celebes,
Sula Is. |
| 9. <i>pulchella</i> , <i>Wald.</i> (p. 189.) | Togian Is. |
| 10. <i>nuchalis</i> , <i>Cab.</i> (p. 190.) | Luzon. |
| 11. <i>ænea</i> (<i>Linn.</i>). (p. 190.) | Indian Peninsula,
Ceylon,
Indo-Chinese countries,
Hainan,
Malay Peninsula,
Sunda Is.,
Philippine Is.,
Sulu Is. |
| 12. <i>intermedia</i> , <i>A. B. Meyer & Wieglesw.</i> J. f. O. 1894, p. 249. | Talaut Is. |
| 13. <i>van-de-pclli</i> , <i>Büttik.</i> , Notes Leyden Mus. xviii. p. 190 (1896). | Nias Isl. |
| 14. <i>rhodinolæma</i> , <i>Scl.</i> (p. 196.) | Admiralty Is. |
| 15. <i>van-wycki</i> , <i>Cass.</i> (p. 196.) | Bismarck Archipelago. |

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|---|---|
| 16. <i>pistrinaria</i> , <i>Bp.</i> (p. 197.) | Solomon Is. |
| 17. <i>rosacea</i> (<i>Temm.</i>). (p. 198.) | Celebes,
Halmahéra,
Kei Is.,
Tenimber Is.,
Lesser Sunda Is. (Timor,
Flores, etc.). |
| 18. <i>perspicillata</i> (<i>Temm.</i>). (p. 199.) | Halmahéra,
Batchian,
Buru. |
| 19. <i>neglecta</i> , <i>Schl.</i> (p. 200.) | Ceram,
Amboina. |
| 20. <i>pickeringi</i> , <i>Cass.</i> (p. 201.) | Sulu Archipelago,
Mantanani Isl.
Lawas R., N.W. Borneo. |
| 21. <i>cineracea</i> (<i>Temm.</i>). (p. 202.) | Timor. |
| 22. <i>latrans</i> , <i>Peale.</i> (p. 202.) | Fiji Is. |
| 23. <i>zoæ</i> (<i>Less.</i>). (p. 204.) | New Guinea,
Jobi,
Salawati,
Aru Is. |
| 24. <i>orientalis</i> <i>A. B. Meyer.</i> (p. 205, note.) | German New Guinea. |

XXIX. PTILOCOLPA, *Bp.*

(*Salvad. Cat. B. xxi. p. 205, 1893.*)

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|---|---|
| 1. <i>griseipectus</i> , <i>Bp.</i> (p. 205.) | Philippine Is. (Luzon,
Mindoro, Mindanao). |
| 2. <i>nigrorum</i> , <i>Whitehead</i> , <i>Bull. B. O. C. vi. p. xxxiv</i>
(1897). | Negros. |
| 3. <i>carola</i> , <i>Bp.</i> (p. 206.) | Luzon. |

XXX. ZONOPHAPS, *Salvad.*

(*Salvad. t. c. p. 207.*)

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|---|--|
| 1. <i>forsteni</i> , <i>Bp.</i> (p. 208.) | Celebes. |
| 2. <i>poliocephala</i> , <i>Hartl.</i> (p. 209.) | Philippine Is. (Negros,
Mindanao, Basilan). |
| 3. <i>mindorensis</i> (<i>Whitehead</i> , <i>Ann. & Mag. Nat. Hist.</i>
(6) xviii. p. 189, 1896). <i>Fig. Ogilvie</i>
<i>Grant</i> , <i>Ibis</i> , 1896, pl. xi. | Mindoro. |

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| 4. <i>radiata</i> (Q. & G.). (p. 210.) | Celebes,
Sangi Is. |
| 5. <i>finschi</i> , Ramsay. (p. 211.) | New Ireland. |
| 6. <i>basilica</i> , Bp. (p. 211.) | Moluccas,
Batchian,
Halmahéra,
Morotai. |
| 7. <i>obiensis</i> , Hartert, Bull. B. O. C. vii. p. xxxv
(1898). | Obi Is. |
| 8. <i>rufiventris</i> , Salvad. (p. 212.) | New Guinea,
Salawati,
Jobi,
Waigiou,
Mysol. |
| 9. <i>chalconota</i> , Salvad. (p. 213.) | New Guinea. |

XXXI. *DUCULA*, Hodgs.

(Salvad. Cat. B. xxi. p. 214, 1893.)

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|--|---|
| 1. <i>lacernulata</i> (Temm.). (p. 215.) | Java. |
| 2. <i>williami</i> , Hartert, Nov. Zool. iii. p. 552 (1896). | Bali. |
| 3. <i>sasakensis</i> , Hartert, Nov. Zool. iii. p. 564 (1896). | Lombok. |
| 4. <i>cuprea</i> (Jerd.). (p. 215.) | S. Indian Peninsula. |
| 5. <i>insignis</i> , Hodgs. (p. 216.) | E. Himalayas (Nepal to
Assam). |
| 6. <i>griseicapilla</i> , Wald. (p. 217.) | Manipur to
Tenasserim. |
| 7. <i>badia</i> (Raffl.). (p. 218.) | Malay Peninsula,
Sumatra,
N.W. Borneo,
? Java. |

XXXII. *CRYPTOPHAPS*, Salvad.

(Salvad. t. c. p. 219.)

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|---|-------------|
| 1. <i>pæcilorrhœa</i> (Brügg.). (p. 220.) | N. Celebes. |
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XXXIII. *ZONÆNAS*, Reichenb.

(Salvad. t. c. p. 220.)

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|---------------------------------------|---------------------------|
| 1. <i>muelleri</i> (Temm.). (p. 221.) | S. New Guinea,
Aru Is. |
|---------------------------------------|---------------------------|

2. *aurantia* (*A. B. Meyer*, Abhandl. k. zool. Mus. N. New Guinea. Dresden, 1892-93, no. 3, p. 25, 1893).
3. *pinon* (*Q. & G.*). (p. 222.) New Guinea,
Aru Is.
4. *rubensis* (*A. B. Meyer*). (p. 223.) N.W. & S.E. New Guinea.
5. *salvadorii* (*Tristr.*). (p. 223.) Louisiade Archipelago.
6. *westermanni* (*Schl.*). (p. 224.) Jobi I., S. to
[*astrolabiensis*, *A. B. Meyer* (p. 225).] New Guinea.
7. *melanochroa* (*Scl.*). (p. 225.) Bismarck Archipelago.
8. *brenchleyi* (*Gray*). (p. 225.) Solomon Is.

XXXIV. PHÆNORHINA, *Gray*.

(*Salvad. Cat. B. xxi. p. 226, 1893.*)

1. *goliath* (*Gray*). (p. 226.) New Caledonia.

XXXV. MYRISTICIVORA, *Reichenb.*

(*Salvad. t. c. p. 227.*)

1. *bicolor* (*Scop.*). (p. 227.) Siam,
Cochin China,
Andamans,
Nicobars,
Malay Peninsula,
Indo-Malayan Is.,
Moluccas,
Tenimber Is.
2. *spilorrhoea* (*Gray*). (p. 231.) New Guinea
Aru Is.,
N. Australia.
3. *subflavescens*, *Finsch*. (p. 232.) New Ireland.
4. *melanura* (*Gray*). (p. 233.) Halmahéra,
Batchian,
Buru, Ceram,
Amboina.
5. *luctuosa* (*Temm.*). (p. 233.) Celebes,
Sula Is.

XXXVI. **LOPHOLÆMUS**, *Gray*.

(Salvad. Cat. B. xxi. p. 235, 1893.)

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| 1. antarcticus (<i>Shaw</i>). (p. 235.) | E. Australia,
Tasmania. |
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XXXVII. **HEMIPHAGA**, *Bp.*

(Salvad. t. c. p. 236.)

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|---|------------------------------|
| 1. novæ-zealandiæ (<i>Gm.</i>). (p. 23) | New Zealand,
Auckland Is. |
| 2. spadicea (<i>Lath.</i>). (p. 238.) | Norfolk Isl. |
| 3. chathamensis (<i>Rothsch.</i>). (p. 239.) | Chatham Is. |

Family II. **COLUMBIDÆ**.

(Salvad. Cat. B. xxi. p. 240, 1893.)

Sub-Family I. **COLUMBINÆ**.

(Salvad. t. c. p. 240.)

I. **GYMNOPHAPS**, *Salvad.*

(Salvad. t. c. p. 240.)

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|---|------------------|
| 1. albertisii , <i>Salvad.</i> (p. 240.) | S.E. New Guinea. |
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II. **COLUMBA**, *Linn.*

(Salvad. t. c. p. 241.)

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| 1. grisea , <i>Bp.</i> (p. 248.) | Sumatra,
Borneo. |
| 2. unicincta , <i>Cass.</i> (p. 242, note.) | W. Africa (Gaboon to
Liberia). |
| 3. leuconota , <i>Vig.</i> (p. 249.) | Yarkand,
Thibet,
Himalayas (Kashmir to
Bhutan). |
| 4. rupestris , <i>Bp.</i> (p. 250.) | Himalayas (Kashmir to
Sikhim),
Turkestan,
Thibet to N. China. |
| 5. pallida , <i>Rothschild & Hartert</i> , Orn. MB. v. p. 41
(1893). | E. Siberia. |

6. *taczanowskii*, *Stejn.*, Proc. U.S. Nat. Mus. xvi. p. 624 (1893). E. Siberia,
Corea.
7. *livia*, *Bonn.* (p. 252.) Europe,
Mediterranean Countries,
C. Asia, Turkestan,
China.
8. *neglecta*, *Hume*, Str. F. i. p. 218 (1873). Persia to N.W. India.
[*livia*, pt., *Salvad. t. c.* p. 252.]
9. *melitensis*, *Lydekker*, Cat. Foss. B. p. 124 (1891). Malta (Pleistocene).
10. *calcaria*, *Milne-Edw.*, Ois. Foss. France, ii. p. 292 France (Miocene).
(1869-71).
11. *gymnocyclus*, *Bp.* (p. 257.) W. Africa.
12. *schimperi*, *Bp.* (p. 258.) Palestine,
Egypt, Nubia,
Madeira.
13. *intermedia*, *Strickl.* (p. 259.) S. Persia, C. Asia,
Indian Peninsula,
Ceylon,
China, Japan.
14. *œnas*, *Linn.* (p. 261.) Europe.
C. Asia to Lob-Nor.
15. *eversmanni*, *Bp.* (p. 264.) W. Siberia,
C. Asia,
Afghanistan,
N.W. Indian Peninsula.
16. *albitorques*, *Rüpp.* (p. 266.) Abyssinia, Shoa.
17. *guinea*, *Linn.* (p. 266.) W. Africa :
Senegambia to Nigeria.
N.E. Africa.
E. Africa to Kilimanjaro.
18. *uhehensis*, *Reichen.*, Orn. MB. vi. p. 82 (1898). Uhehe, German
E. Africa.
19. *phæonota*, *Bp.* (p. 268.) South Africa :
Cape Colony to Transvaal.
20. *mada*, *Hartert*, Bull. B. O. C. viii. p. xxxiii Burn Isl.
(1899).
21. *gymnophthalma*, *Temm. & Knip.* (p. 269.) Is. of Curaçoa, Aruba, &
Bonaire.
22. *picauro*, *Temm.* (p. 271.) S. Brazil, Argentina.

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| 23. <i>albipennis</i> , <i>Scl. & Salv.</i> (p. 272.) | S. Peru,
Bolivia. |
| 24. <i>maculosa</i> , <i>Temm.</i> (p. 273.) | Uruguay,
Argentina,
N. Patagonia. |
| 25. <i>hodgsoni</i> , <i>Vig.</i> (p. 274.) | Himalayas,
Kashmir to Bhutan,
Moupin. |
| 26. <i>arquatrix</i> , <i>Temm. & Knip.</i> (p. 276.) | E. Cape Colony to
E. Africa (Kilimanjaro). |
| 27. <i>thomensis</i> , <i>Bocage</i> , <i>Jorn. Sci. Lisb. xii. p. 230</i>
(1888). | Isl. of S. Thomas,
W. Africa. |
| 28. <i>sjöstedti</i> , <i>Reichen.</i> , <i>J. f. O. 1898, p. 138.</i> | Cameroons. |
| 29. <i>leucocephala</i> , <i>Linn.</i> (p. 278.) | Greater & Lesser Antilles,
Florida Keys,
Honduras. Cozumel Isl.
Bahamas. |
| 30. <i>squamosa</i> , <i>Bonn.</i> (p. 280.) | Greater & Lesser Antilles. |
| 31. <i>speciosa</i> , <i>Gm.</i> (p. 281.) | E. Mexico to Panama,
Colombia, Ecuador,
Peru, Brazil, Guiana. |
| 32. <i>inornata</i> , <i>Vig.</i> (p. 284.) | Greater Antilles. |
| 33. <i>flavirostris</i> , <i>Wagl.</i> (p. 285.) | U. S. A. to Costa Rica. |
| 34. <i>madrensis</i> , <i>Nelson</i> , <i>Pr. Biol. Soc. Washington</i> ,
<i>xii. p. 6 (1898).</i> | Tres Marias Is. |
| 35. <i>œnops</i> , <i>Salvin</i> , <i>Nov. Zool. ii. p. 20 (1895).</i> | Peru. |
| 36. <i>rufina</i> , <i>Temm. & Knip.</i> (p. 287.) | Guatemala to Panama.
Colombia, Ecuador,
Peru, Brazil, Guiana. |
| 37. <i>caribæa</i> , <i>Jacq.</i> (p. 290.) | Jamaica.
? Porto Rico. |
| 38. <i>fasciata</i> , <i>Say.</i> (p. 291.) | Western U. States,
Mexico,
Guatemala,
Nicaragua. |
| 39. <i>vioscæ</i> , <i>Brewst.</i> (p. 293.) | Lower California. |
| 40. <i>crissalis</i> , <i>Salvad.</i> (p. 294.) | Costa Rica to Panama, |

41. *albilinea*, *Bp.* (p. 294.) Guiana,
Colombia,
Ecuador,
Peru,
Bolivia.
42. *tucumana*, *Salvad.*, Boll. Mus. Torino, x. no. 208, Tucuman.
p. 22 (1895).
43. *araucana*, *Less.* (p. 296.) C. Peru,
Chile,
Patagonia.
44. *laurivora*, *Webb & Berth.* (p. 297.) Canary Is. (Gomera,
Palma).
45. *bollei*, *Godman.* (p. 297.) Canary Is. (Teneriffe,
Gomera, Palma).
46. *trocax*, *Heineken.* (p. 298.) Madeira.
47. *palumbus*, *Linn.* (p. 299.) Europe to N. Persia.
Azores. Madeira.
48. *casiotis*, *Bp.* (p. 302.) Central Asia,
N.W. Himalayas,
Afghanistan,
S.E. Persia.
49. *torringtoniæ* (*Kelaart.*) (p. 303.) Ceylon.
50. *elphinstonei* (*Sykes.*) (p. 304.) Hills of S. India.
51. *pulchricollis*, *Blyth.* (p. 305.) E. Himalayas.
? S. China,
Formosa.
52. *punicea* (*Blyth.*) (p. 306.) E. C. India.
Assam,
Burmese Countries to
N. Malay Peninsula.
53. *palumboides* (*Hume.*) (p. 308.) Andamans,
Nicobars.
54. *versicolor*, *Kittl.* (p. 309.) Bonin Islands.
55. *jouyi* (*Stejn.*) (p. 310.) Liu-Kiu Is.
56. *ianthina*, *Temm.* (p. 310.) Japan,
Corea.
57. *nitens* (*Stejn.*) (p. 311.) Bonin Is.

58. *metallica*, *Temm.* (p. 312.) Lesser Sunda Is.
(Timor, etc.).
59. *griseigularis* (*Wald. & Layard*). (p. 313.) Philippine Is.,
N. Borneo.
60. *albigularis* (*Bp.*). (p. 313.) Moluccas,
New Guinea,
Ceram,
Amboina,
Louisiade Archipelago.
61. *hypœnochroma* (*Gould*). (p. 315.) New Caledonia,
Loyalty Is.
62. *vitiensis*, *Q. & G.* (p. 316.) Fiji Is.
63. *leopoldi* (*Tristr.*). (p. 317.) New Hebrides,
64. *castaneiceps*, *Peale*. (p. 318.) Samoa Is.
65. *pallidiceps*, *Ramsay*. (p. 319.) Duke of York Is.
66. *philippina*, *Ramsay*. (p. 319.) Solomon Is. (Ugi).
67. *leucomela*, *Temm.* (p. 320.) E. Australia.
68. *polleni*, *Schl.* (p. 321.) Great Comoro Isl.
69. *nigrirostris*, *Sol.* (p. 322.) S. Mexico to Panama.
70. *plumbea*, *V.* (p. 323.) Guiana,
Colombia,
Ecuador,
N. & E. Peru,
Bolivia, Brazil.
71. *subvinacea* (*Laur.*). (p. 326.) Costa Rica to Veragua.
Colombia, Ecuador.
72. *berlepschi*, *Hartert*, Nov. Zool. v. p. 504 (1898). N.W. Ecuador.

III. NESÆNAS, *Salvad.*

(*Salvad. Cat. B. xxi. p. 327, 1893.*)

1. *mayeri*, *Marchal*. (p. 327.) Mauritius.

IV. TURTURÆNA, *Bp.*

(*Salvad. t. c. p. 328.*)

1. *delegorguei* (*Deleg.*). (p. 328.) Natal.
2. *sharppei*, *Salvad.* (p. 329.) Equatorial Africa
Mt. Elgon).

3. **harterti**, *Oscar Neumann*, J. f. O. 1898, p. 287, Kilimanjaro.
Taf. ii.
4. **incerta**, *Salvad.* (p. 330.) Patr. incogn.
5. **iriditorques** (*Cass.*). (p. 330.) W. Africa (Liberia to
Gaboon).
6. **malherbei** (*Verr.*). (p. 331.) W. Africa (Prince's Isl.,
S. Thomas).

Sub-Family II. *MACROPYGIINÆ*.

(*Salvad. Cat. B.* xxi. p. 333, 1893.)

V. **TURACÆNA**, *Bp.*

(*Salvad. t. c.* p. 333.)

1. **menadensis** (*Q. & G.*). (p. 333.) Celebes, Togian Is.,
Sula Is.
2. **modesta** (*Temm.*). (p. 334.) Lesser Sunda Is.
(Timor, etc.).

VI. **MACROPYGIA**, *Swains.*

(*Salvad. t. c.* p. 335.)

1. **macrura** (*Gm.*). (p. 335, note.) Patr. incert.
2. **tusalia** (*Blyth*). (p. 338.) Himalayas,
Kumaon to Assam,
Manipur,
Burmese Provinces,
Moupin.
3. **swinhoei**, *Wardlaw Ramsay.* (p. 340.) Hainan.
4. **leptogrammica** (*Temm.*). (p. 340.) Hills of Malay Peninsula,
Java, Sumatra.
5. **magna**, *Wall.* (p. 342.) Lesser Sunda Is.
(Timor, etc.).
6. **timorlaensis**, *A. B. Meyer.* (p. 342.) Tenimber Is.
7. **macassariensis**, *Wall.* (p. 343.) S. Celebes.

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|--|--|
| 8. <i>cinnamomea</i> , <i>Salvad.</i> (p. 344.) | Engaño. |
| 9. <i>rufipennis</i> , <i>Blyth.</i> (p. 344.) | Andamans,
Nicobars. |
| 10. <i>tenuirostris</i> , <i>Bp.</i> (p. 346.) | Philippine Is.,
Sulu Archipelago. |
| 11. <i>emiliana</i> , <i>Bp.</i> (p. 347.) | Java,
N. Borneo,
Lombok. |
| 12. <i>modigliani</i> , <i>Salvad.</i> (p. 349.) | Nias Isl. |
| 13. <i>phasianella</i> (<i>Temm.</i>). (p. 349.) | E. & S. Australia. |
| 14. <i>amboinensis</i> (<i>Linn.</i>). (p. 351.) | Amboina, Ceram,
Buru. |
| 15. <i>keiensis</i> , <i>Salvad.</i> (p. 352.) | Kei Is. |
| 16. <i>albicapilla</i> , <i>Bp.</i> (p. 353.) | Celebes,
Sula Is.,
Togian Is. |
| 17. <i>sangirensis</i> , <i>Salvad.</i> (p. 354.) | Sangi Is. |
| 18. <i>maforensis</i> , <i>Salvad.</i> (p. 355.) | Mafor Isl., Geelvink Bay. |
| 19. <i>doreya</i> , <i>Bp.</i> (p. 355.) | N.W. New Guinea,
Salawati,
Is. of Geelvink Bay,
Waigiou,
Aru Is. |
| 20. <i>cinereiceps</i> , <i>Tristr.</i> (p. 357.) | S.E. New Guinea,
D'Entrecasteaux Is. |
| 21. <i>griseinucha</i> , <i>Salvad.</i> (p. 357.) | Miosnom Isl.,
N.W. New Guinea. |
| 22. <i>batchianensis</i> , <i>Wall.</i> (p. 357.) | Halmahéra,
Batchian, Morotai, etc. |
| 23. <i>kerstingi</i> , <i>Reichen.</i> , Orn. MB. v. p. 25 (1897). | German New Guinea. |
| 24. <i>goldiei</i> , <i>Salvad.</i> (p. 358.) | S.E. New Guinea. |

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|---|--|
| 25. <i>carteretia</i> , <i>Bp.</i> (p. 359.) | Bismarek Archipelago,
Louisiade Is. |
| 26. <i>ruficeps</i> (<i>Temm.</i>). (p. 360.) | Burmese Provinces,
Malay Peninsula, Java,
Sumatra, Borneo. |
| 27. <i>orientalis</i> , <i>Hartert</i> , Nov. Zool. iii. p. 573 (1896). | Sambawa Isl. |
| 28. <i>nigrirostris</i> , <i>Salvad.</i> (p. 361.) | New Guinea,
Bismarek Archipelago. |
| 29. <i>rufo-castanea</i> , <i>Ramsay.</i> (p. 363.) | Solomon Is. |
| 30. <i>rufa</i> , <i>Ramsay.</i> (p. 363.) | New Hebrides. |
| 31. <i>mackinlayi</i> , <i>Ramsay.</i> (p. 364, note.) | Tanna Isl., New
Hebrides. |

VII. *REINWARDTÆNAS*, *Bp.*

(*Salvad. Cat. B. xxi. p. 365, 1893.*)

- | | |
|---|---|
| 1. <i>reinwardti</i> (<i>Temm.</i>). (p. 365.) | Celebes,
Molucca Is.,
Ceram, Amboina,
Waigiou. |
| 2. <i>griseitincta</i> , <i>Hartert</i> , Nov. Zool. iii. p. 18
(1896). | New Guinea. |
| 3. <i>obiensis</i> , <i>Hartert</i> , Bull. B. O. C. vii. p. xxv
(1898). | Obi Is. |
| 4. <i>minor</i> , <i>Schl.</i> (p. 367.) | Misori Isl.,
N.W. New Guinea. |
| 5. <i>browni</i> (<i>Scl.</i>). (p. 367.) | Bismarek Archipelago. |

VIII. *CORYPHÆNAS*, *Wardlaw Ramsay.*

(*Salvad. t. c. p. 368.*)

- | | |
|---|-------------|
| 1. <i>crassirostris</i> (<i>Gould</i>). (p. 368.) | Solomon Is. |
|---|-------------|

Sub-Family III. *ECTOPISTINÆ*.

(Salvad. Cat. B. xxi. p. 369, 1893.)

IX. *ECTOPISTES*, *Swains.*

(Salvad. t. c. p. 369.)

- 1.
- migratorius*
- (
- Linn.*
-). (p. 369.)

E. & C. North America.

Family III. *PERISTERIDÆ*.

(Salvad. Cat. B. xxi. p. 372, 1893.)

Sub-Family 1. *ZENAIDINÆ*.

(Salvad. t. c. p. 372.)

I. *ZENAIDURA*, *Bp.*

(Salvad. t. c. p. 372.)

- 1.
- carolinensis*
- (
- Linn.*
-). (p. 374.)

N. America to Central
America (Mexico to
Panama).
West India Is.

- 2.
- yucatanensis*
- ,
- Lawr.*
- (p. 373, note.)

Yucatan.

- 3.
- clarionensis*
- ,
- Towns.*
- (p. 378.)

Clarion Is.

- 4.
- graysoni*
- ,
- Lawr.*
- (p. 378.)

Socorro Is.

II. *ZENAIDA*, *Bp.*

(Salvad. t. c. p. 379.)

- 1.
- aurita*
- (
- Temm. & Knip*
-). (p. 380.)

Lesser Antilles,
S. Croix.

- 2.
- meridionalis*
- (
- Lath.*
-). (p. 641.)

[*zenaida* (*Bp.*). (p. 382.) *Cf.* Forbes & Robins.,
Bull. Liverp. Mus. i. p. 36.]Bahamas,
Florida Keys,
Greater and Lesser
Antilles,
Yucatan.

- 3.
- spadicea*
- ,
- Cory.*
- (p. 383, note.)

Grand Cayman Isl.

- | | |
|---|--|
| 4. <i>yucatanensis</i> , <i>Salvad.</i> (p. 384.) | Yucatan.
Is. of Bay of Honduras
(Cozumel, &c.) |
| 5. <i>auriculata</i> , <i>Des Murs.</i> (p. 384.) | Western South America,
from Ecuador to Chile.
Brazil,
Fernando Noronha Isl.,
Argentina, Patagonia. |
| 6. <i>ruficauda</i> , <i>Bp.</i> (p. 387.) | Colombia,
Venezuela.
? N. Amazonia (Rio
Branco). |
| 7. <i>vinaceo-rufa</i> , <i>Ridgw.</i> (p. 389.) | British Guiana,
Venezuela,
Curaçao, Grenada,
Grenadines. |
| 8. <i>jessicæ</i> , <i>Ridgw.</i> (p. 389.) | Lower Amazonia. |
| 9. <i>stenura</i> , <i>Bp.</i> (p. 390, note.) | Colombia. |

III. NESOPELIA, *Sundev.*

(*Salvad. Cat. B. xxi. p. 390, 1893.*)

- | | |
|---|------------------------|
| 1. <i>galapagoensis</i> (<i>Gould</i>). (p. 390.) | Galapagos Archipelago. |
|---|------------------------|

IV. MELOPELIA, *Bp.*

(*Salvad. t. c. p. 391.*)

- | | |
|--|---|
| 1. <i>leucoptera</i> (<i>Linn.</i>). (p. 392.) | Southern U. States.
C. America to Costa Rica.
Greater Antilles. |
| 2. <i>meloda</i> (<i>Tsch.</i>). (p. 395.) | Peru. N. Chili. |

Sub-Family II. *TURTURINÆ.*

(*Salvad. Cat. B. xxi. p. 396, 1893.*)

V. TURTUR, *Selby.*

(*Salvad. t. c. p. 396.*)

- | | |
|--|---|
| 1. <i>turtur</i> (<i>Linn.</i>). (p. 396.) | Europe,
N. & N.E. Africa,
Senegambia,
Teneriffe. |
|--|---|

- | | |
|--|---|
| 2. <i>arenicola</i> , <i>Hartert</i> , Nov. Zool. i. p. 42 (1894). | Persian Gulf,
O. Asia. |
| 3. <i>isabellinus</i> , <i>Bp.</i> (p. 400.) | N.E. Africa. |
| 4. <i>ferrago</i> (<i>Eversm.</i>). (p. 401.) | S.W. Siberia to O. Asia,
Himalayas,
N.W. & C. India,
Ceylon. |
| 5. <i>orientalis</i> (<i>Lath.</i>). (p. 403.) | E. Himalayas,
Burmese Provinces,
China, Manchuria,
Corea, Japan. |
| 6. <i>lugens</i> (<i>Rüpp.</i>). (p. 408.) | N.E. Africa,
E. Africa. |

VI. *HOMOPELIA*, *Salvad.*

(*Salvad. Cat. B. xxi. p. 409, 1893.*)

- | | |
|---|----------------------------------|
| 1. <i>picturata</i> (<i>Temm.</i>). (p. 409.) | Madagascar,
Mascarene Is. |
| 2. <i>abbotti</i> , <i>Ridgw.</i> , Proc. U.S. Nat. Mus. xviii. p. 513 (1896). | Seychelles (Mahé) |
| 3. <i>aldabrana</i> , <i>Scl.</i> (p. 411.) | Aldabra Isl. |
| 4. <i>saturata</i> , <i>Ridgw.</i> , Proc. U.S. Nat. Mus. xvi. p. 600 (1893). | Amirante Is. |
| 5. <i>comorensis</i> , <i>E. Newt.</i> (p. 412.) | Comoro Is. |
| 6. <i>coppingeri</i> , <i>Sharpe.</i> (p. 412.) | Glorioso Isl. |
| 7. <i>rostrata</i> , <i>Bp.</i> (p. 413.) | Seychelles Is. (Mahé). |
| 8. <i>rodrericana</i> (<i>Milne-Edwards</i> , Ann. Sci. Nat. (5) 1874, p. 15, pl. xii.). | Rodriguez Isl.
(Pleistocene). |

VII. *STREPTOPELIA*, *Bp.*

(*Salvad. t. c. p. 413.*)

- | | |
|---|---------------------------------|
| 1. <i>risoria</i> (<i>Linn.</i>). (p. 414, note.) | Patr. ign. |
| 2. <i>semitorquata</i> (<i>Rüpp.</i>). (p. 416.) | Ethiopian Region
generally. |
| 3. <i>shelleyi</i> , <i>Salvad.</i> (p. 419.) | Nigeria to Upper White
Nile. |

4. *ambigua* (*Bocage*). (p. 419.) Upper White Nile to
Zambesi.
S.W. Africa (Benguela).
5. *perspicillata* (*Fisch. & Reichen.*). (p. 421, note.) Masai-land, E. Africa.
6. *decipiens* (*Finsch & Hartl.*). (p. 420.) Dongola, E. Sudan.
7. *bitorquata* (*Temm.*). (p. 421.) Java,
Lesser Sunda Isl.
8. *dussumieri* (*Temm.*). (p. 423.) Philippine Is.,
N. Borneo,
Sulu Is.,
Marianne Is.
9. *capicola* (*Finsch & Hartl.*). (p. 424.) Cape Colony to Natal and
Transvaal.
10. *damarensis* (*Finsch & Hartl.*). (p. 427.) S.W. Africa to Transvaal,
E. Africa,
Madagascar,
Comoro Is.
11. *vinacea* (*Gm.*). (p. 428.) W. Africa (Senegambia
to Loango),
N.E. Africa.
12. *roseigrisea* (*Sundev.*). (p. 429.) N.E. Africa,
Arabia.
13. *douraca* (*Hodgs.*). (p. 430.) S.E. Europe ;
Palestine,
Persia,
Indian Peninsula,
Burma,
China, Japan.
14. *stoliczkæ*, *Hume*.
[*douraca*, pt., *Salvad. Cat. B. xxi. p. 430.*] C. Asia.

VIII. ONOPOPELIA, *Blanf.*

(*Blanf. Faun. Brit. Ind., Birds, iv. p. 47, 1898.*)

1. *humilis* (*Temm.*). (*Salvad. Cat. p. 434.*) Andamans,
E. Bengal,
Indo-Chinese countries,
China, Japan.
Philippine Is.
2. *tranquebarica* (*Herm.*). (*Salvad. Cat. p. 437.*) Indian Peninsula.

IX. *SPILOPELIA*, *Sundev.*

(Salvad. Cat. B. xxi. p. 439, 1893.)

- | | |
|---|--|
| 1. <i>chinensis</i> (<i>Scop.</i>). (p. 439.) | China,
Formosa,
Hainan. |
| 2. <i>tigrina</i> (<i>Temm. & Knip.</i>). (p. 440.) | Burma,
Malay Peninsula,
Greater & Lesser Sunda Is.,
Celebes,
Moluccas. |
| 3. <i>suratensis</i> (<i>Gm.</i>). (p. 444.) | Afghanistan,
Indian Peninsula,
Ceylon. |

X. *STIGMATOPELIA*, *Sundev.*

(Salvad. t. c. p. 448.)

- | | |
|--|---|
| 1. <i>senegalensis</i> (<i>Linn.</i>). (p. 448.) | Africa generally to
Palestine.
Socotra. |
| 2. <i>cambayensis</i> (<i>Gm.</i>). (p. 451.) | S.E. Europe to C. Asia,
Indian Peninsula. |
| 3. <i>ermanni</i> , <i>Bp.</i> (p. 452, note.) | Bokhara. |

Sub-Family III. *GEOPELIINÆ*.

(Salvad. Cat. B. xxi. p. 455, 1893.)

XI. *GEOPELIA*, *Swains.*

(Salvad. t. c. p. 455.)

- | | |
|---|---|
| 1. <i>humeralis</i> (<i>Temm.</i>). (p. 455.) | Australia,
S. New Guinea. |
| 2. <i>tranquilla</i> , <i>Gould.</i> (p. 457.) | Australia. |
| 3. <i>striata</i> (<i>Linn.</i>). (p. 458.) | Siam, S. Tenasserim,
Malay Peninsula,
Greater & Lesser Sunda Is.,
Philippine Archipelago,
Celebes, Amboina. |
| 4. <i>maugæi</i> (<i>Temm.</i>). (p. 461.) | Lesser Sunda Is.,
Tenimber Is., Kei Is. |
| 5. <i>cuneata</i> (<i>Lath.</i>). (p. 462.) | Australia. |

XII. SCARDAFELLA, *Bp.*

(Salvad. Cat. B. xxi. p. 463, 1893.)

- | | |
|---|--|
| 1. <i>squamosa</i> (<i>Temm. & Knip</i>). (p. 464.) | Brazil to Venezuela & Colombia. |
| 2. <i>ridgwayi</i> , <i>Richm.</i> , Proc. U.S. Nat. Mus. xviii. p. 660 (1896). | Margarita Isl., Venezuela. |
| 3. <i>inca</i> (<i>Less.</i>). (p. 465.) | S.W. U. States, Lower California, Mexico to Nicaragua. |

XIII. GYMNOPELIA, *Scl. & Salv.*

(Salvad. t. c. p. 468.)

- | | |
|---|-----------------------------|
| 1. <i>erythrothorax</i> (<i>Meyen</i>). (p. 468.) | Peru & Bolivia to N. Chile. |
|---|-----------------------------|

Sub-Family IV. *PERISTERINÆ*.

(Salvad. Cat. B. xxi. p. 470, 1893.)

XIV. COLUMBULA, *Bp.*

(Salvad. t. c. p. 470.)

- | | |
|---|--|
| 1. <i>picui</i> (<i>Temm.</i>). (p. 470.) | S. Brazil, Argentina to Bolivia & Chile. |
|---|--|

XV. CHAMÆPELIA, *Swains.*

(Salvad. t. c. p. 472.)

- | | |
|---|--|
| 1. <i>passerina</i> , <i>Linn.</i> (p. 473.) | Jamaica. |
| 2. <i>terrestris</i> *, <i>Chapm.</i> , Bull. Amer. Mus. iv. p. 293 (1892). (p. 473, pt.) | S.E. U. States. |
| 3. <i>pallescens</i> , <i>Baird</i> . (p. 473, pt.) | Texas to Arizona, Lower California, Mexico & C. America. |
| 4. <i>socorroensis</i> , <i>Ridgw.</i> (p. 473, pt.) | Socorro Isl. |
| 5. <i>bahamensis</i> , <i>Maynard</i> . (p. 473, pt.) | Bahama Is. |

* Count Salvadori (Cat. B. xxi. pp. 473-476) does not recognize all these races of *Chamæpelis*, but they are admitted by American ornithologists.

6. **insularis**, *Ridgw.* (p. 463, pt.) Great Cayman Isl.
[? = *C. passerina* (Linn.), Berl. J. f. O. 1892, p. 98.]
7. **perpallida**, *Hartert*, Ibis, 1893, p. 304. Aruba, Bonaire, &
Curaçoa Is.
8. **minuta** (*Linn.*). (p. 481.) Central America
(Mexico to Panama),
Colombia, Guiana,
Brazil, Peru.
9. **cruziana** (*Prév. & Knip*). (p. 483.) Ecuador to Peru,
Bolivia, & N. Chile.
10. **buckleyi**, *Sel. & Salv.* (p. 484.) Ecuador,
Peru.
11. **talpacoti** (*Temm. & Knip*). (p. 485.) Venezuela, Guiana,
Brazil, Peru, Bolivia.
12. **rufipennis** (*Bp.*). (p. 487.) Central America
(Mexico to Panama)
Colombia & Venezuela.

XVI. **UROPELIA**, *Bp.*

(Salvad. Cat. B. xxi. p. 489, 1893.)

1. **campestris** (*Spix*). (p. 489.) Brazil to Bolivia.

XVII. **OXYPELIA**, *Salvad.*

(Salvad. t. c. p. 490.)

1. **cyanopis**, *Pelz.* (p. 490.) Brazil.

XVIII. **PERISTERA**, *Swains.*

(Salvad. t. c. p. 491.)

1. **cinerea** (*Temm. & Knip*). (p. 491.) Central America,
Colombia, Guiana,
Brazil, Bolivia,
Peru, Ecuador.
2. **preticsa**, *Ferrari-Perez*, Pr. U.S. Nat. Mus. ix.
p. 175 (1886). Mexico.
3. **geoffroyi** (*Temm. & Knip*). (p. 494.) S.E. Brazil.
4. **mondetoura**, *Bp.* (p. 495.) Central America
(S. Mexico to Guatemala),
Colombia, Venezuela,
Ecuador, Peru.

XIX. METRIOPELIA, *Bp.*

(Salvad. Cat. B. xxi. p. 497, 1893.)

- | | |
|--|--|
| 1. <i>melanoptera</i> , <i>Mol.</i> (p. 497.) | Ecuador to C. Chile & Mendoza. |
| 2. <i>aymara</i> , <i>Knip & Prév.</i> (p. 499.) | Peru & Bolivia to N. Chile. Argentina. |

Sub-Family V. *PIIABINÆ.*

(Salvad. Cat. B. xxi. p. 500, 1893.)

XX. *CENA*, *Selby.*

(Salvad. t. c. p. 501.)

- | | |
|--|---|
| 1. <i>capensis</i> (<i>Linn.</i>). (p. 501.) | Ethiopian Region.
Arabia.
Madagascar. |
|--|---|

XXI. TYMPANISTRIA, *Reichenb.*

(Salvad. t. c. p. 504.)

- | | |
|--|--|
| 1. <i>tympanistria</i> (<i>Temm. & Knip.</i>). (p. 504.) | W. Africa,
S. & E. Africa,
Madagascar,
Comoro Is. |
|--|--|

XXII. CHALCOPELIA, *Bp.*

(Salvad. t. c. p. 506.)

- | | |
|--|--------------------|
| 1. <i>afra</i> (<i>Linn.</i>). (p. 506.) | Tropical Africa. |
| 2. <i>virgo</i> (<i>Hartl.</i>). (p. 506, note.) | Equatorial Africa. |

XXIII. CHALCOPHAPS, *Gould.*

(Salvad. t. c. p. 510.)

- | | |
|--|---|
| 1. <i>chrysochlora</i> , <i>Gould.</i> (p. 511.) | Lesser Sunda Is.,
Moluccas,
S.E. New Guinea,
New Hebrides,
New Caledonia,
Australia.
Lord Howe Isl. |
| 2. <i>sangirensis</i> , <i>W. Blasius.</i> (p. 513.) | Gt. Sangi Isl. |

3. *indica* (Linn.). (p. 514.)

Indian Peninsula,
Ceylon, Andamans,
Nicobars,
Indo-Chinese countries,
Malay Peninsula,
Sunda Isl.,
Celebes, Moluccas,
New Guinea.

4. *natalis*, Lister. (p. 520.)

Christmas Isl.,
Indian Ocean.

5. *stephani*, Reichenb. (p. 520.)

Celebes, New Guinea,
Mysol, Waigiou,
Bismarck Archipelago.

6. *mortoni*, Ramsay. (p. 522.)

Solomon Is.

XXIV. *CALOPELIA*, Salvad.

(Salvad. Cat. B. xxi. p. 522, 1893.)

1. *puella* (Schl.). (p. 523.)

W. Africa (Gold Coast
to Gaboon).

2. *brehmeri* (Hartl.). (p. 524.)

W. Africa (Gaboon to
Loango).

XXV. *HENICOPHAPS*, Gray.

(Salvad. t. c. p. 524.)

1. *albifrons*, Gray. (p. 524.)

New Guinea,
Salawati, Waigiou,
Aru Is.

XXVI. *PHAPS*, Selby.

(Salvad. t. c. p. 525.)

1. *chalcoptera* (Lath.). (p. 526.)

Australia,
Tasmania.

2. *elegans* (Temm. & Knip). (p. 527.)

Australia,
Tasmania.

XXVII. *HISTRIOPHAPS*, Salvad.

(Salvad. t. c. p. 529.)

1. *histrionica* (Gould). (p. 529.)

Int. of Australia to
Port Darwin,
N.W. Australia.

XXVIII. PETROPHASSA, *Gould.*

(Salvad. Cat. B. xxi. p. 530, 1893.)

1. *albipennis*, *Gould.* (p. 530.) N.W. Australia
2. *rufipennis*, *Collett*, P. Z. S. 1898, p. 354, pl. xxviii. Arnhem Land,
W. Australia.

XXIX. GEOPHAPS, *Gould.*

(Salvad. t. c. p. 531.)

1. *scripta* (*Temm.*). (p. 531.) S.E. & N.W. Australia.
2. *smithi* (*Jard. & Selby*). (p. 532.) N. & N.W. Australia.

XXX. LOPHOPHAPS, *Reichenb.*

(Salvad. t. c. p. 533.)

1. *plumifera* (*Gould*). (p. 533.) N.W. Australia.
2. *ferruginea* (*Gould*). (p. 534.) W. Australia.
3. *leucogaster*, *Gould.* (p. 535.) N.W. Australia.

XXXI. OCYPHAPS, *Gould.*

(Salvad. t. c. p. 535.)

1. *lophotes* (*Temm.*). (p. 535.) N.E. & S. Australia.

Sub-Family VI. GEOTRIGONINÆ.

(Salvad. Cat. B. xxi. p. 537, 1893.)

XXXII. HAPLOPELIA, *Bp.*

(Salvad. t. c. p. 537.)

1. *larvata* (*Temm. & Knip*). (p. 538.) S. Africa (Cape Colony to
Transvaal).
2. *kilimensis*, *Oscar Neumann*, J. f. O. 1898, p. 289. Kilimanjaro.
3. *bronzina* (*Rüpp.*). (p. 540.) Abyssinia to Shoa.
4. *johnstoni*, *Shelley*. (p. 541.) Milanji Mts.,
Nyasa-Land.
5. *inornata*, *Reichen.* (p. 541.) Cameroons Mts.

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| 6. <i>principalis</i> , <i>Hartl.</i> (p. 542.) | Prince's Isl.,
W. Africa. |
| 7. <i>simplex</i> , <i>Hartl.</i> (p. 542.) | S. Thomas Isl.,
W. Africa. |

XXXIII. *LEPTOPTILA*, *Swains.*

(Salvad. Cat. B. xxi. p. 543, 1893.)

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|---|---|
| 1. <i>fulviventris</i> , <i>Lawr.</i>
[<i>brachyptera</i> (Gray: nom. nudum); <i>albifrons</i> ,
Selat. et auct. (nec Bp.).] (p. 545.) | S.E. Texas & Mexico
to Nicaragua. |
| 2. <i>capitalis</i> , <i>Nelson</i> , Proc. Biol. Soc. Washington,
xii. p. 6 (1898). | Tres Marias Is. |
| 3. <i>verreauxi</i> , <i>Bp.</i> (p. 548.) | C. America
(Costa Rica to Panama),
Colombia to Guiana,
Ecuador & Peru. |
| 4. <i>insularis</i> , <i>Richm.</i> , Proc. U.S. Nat. Mus. xviii.
p. 660 (1896). | Margarita Isl.,
Venezuela. |
| 5. <i>plumbeiceps</i> , <i>Scl. & Salv.</i> (p. 550.) | E. Mexico to Guatemala, |
| 6. <i>rufaxilla</i> (<i>Rich. & Bern.</i>). (p. 551.) | Amazonia to Guiana,
Colombia, Ecuador,
Peru. |
| 7. <i>bahiaë</i> , <i>Berl.</i> (p. 553.) | Bahia, Brazil. |
| 8. <i>reichenbachi</i> , <i>Pelz.</i> (p. 553.) | S. Brazil,
Uruguay. |
| 9. <i>chlorauchenia</i> , <i>Gigl. & Salvad.</i> (p. 554.) | S. Brazil, Argentina,
Bolivia. |
| 10. <i>callauchen</i> , <i>Salvad.</i> , Boll. Mus. Torino, xii.
no. 292, p. 33 (1897). | Prov. Jujuy, Argentina. |
| 11. <i>ochroptera</i> , <i>Pelz.</i> (p. 555.) | Brazil. |
| 12. <i>megalura</i> , <i>Scl. & Salv.</i> (p. 556.) | Bolivia. |
| 13. <i>saturata</i> , <i>Salvad.</i> , Boll. Mus. Torino, xii. no. 292,
p. 33 (1897). | Int. of Argentina (Salta,
Jujuy). |
| 14. <i>decolor</i> , <i>Salvin</i> , Nov. Zool. ii. p. 21 (1895). | N. Peru. |
| 15. <i>gaumeri</i> (<i>Lawr.</i>). (p. 557.) | N. Yucatan, Cozumel I.,
Jolbox I., Mugeris I. |

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|---|-----------------------------------|
| 16. <i>jamaicensis</i> (<i>Linn.</i>). (p. 557.) | Jamaica. |
| 17. <i>collaris</i> (<i>Cory</i>). (p. 559, note.) | Grand Cayman Isl. |
| 18. <i>neoxena</i> (<i>Cory</i>). (p. 559, note.) | St. Andrew's Isl.,
W. Indies. |
| 19. <i>wellsi</i> (<i>Lawr.</i>). (p. 559.) | Grenada Isl., Lesser
Antilles. |
| 20. <i>pallida</i> , <i>Berl. & Tacz.</i> (p. 560.) | W. Ecuador. |
| 21. <i>cassini</i> , <i>Lawr.</i> (p. 560.) | Costa Rica to Panama. |
| 22. <i>vinaceiventris</i> (<i>Ridgw.</i>). (p. 561.) | Honduras to Nicaragua. |
| 23. <i>cerviniventris</i> , <i>Scl. & Salv.</i> (p. 561.) | British Honduras,
Guatemala. |
| 24. <i>rufinucha</i> , <i>Scl. & Salv.</i> (p. 562.) | Panama. |

XXXIV. OSCULATIA, *Bp.*

(*Salvad. Cat. B. xxi. p. 563, 1893.*)

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|---|-------------|
| 1. <i>sapphirina</i> (<i>Bp.</i>). (p. 563.) | E. Ecuador. |
| 2. <i>purpurata</i> , <i>Salvin.</i>
[<i>purpurea</i> , <i>Salvad. Cat. xxi. p. 563, pl. xiv.</i>] | Ecuador. |

XXXV. GEOTRYGON, *Gosse.*

(*Salvad. t. c. p. 564.*)

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| 1. <i>violacea</i> (<i>Temm. & Knip.</i>). (p. 565.) | E. Brazil,
Panama,
Costa Rica. |
| 2. <i>montana</i> (<i>Linn.</i>). (p. 567.) | C. America (Mexico to
Panama),
W. Indies,
Ecuador,
Bolivia, Peru,
Amazonia, Brazil. |
| 3. <i>martinica</i> (<i>Linn.</i>). (p. 570.) | Lesser Antilles. |
| 4. <i>chrysia</i> , <i>Bp.</i> (p. 571.) | Greater Antilles,
Florida Keys,
Bahamas. |

5. **mystacea** (*Temm. & Knip*). (p. 572.) Lesser Antilles.
6. **versicolor** (*Lafr.*). Jamaica.
[*cristata*, *Temm. & Knip (nec Gm.)*.] (p. 573.)
7. **caniceps** (*Gundl.*). (p. 574.) Cuba.
8. **veraguensis**, *Lawr.* (p. 575.) Costa Rica to Panama
(Atlantic slope).
9. **cachaviensis**, *Hartert*, Nov. Zool. v. p. 504 (1898). N.W. Ecuador.
10. **lawrencei**, *Salv.* (p. 576.) Panama (Pacific slope).
11. **costaricensis**, *Lawr.* (p. 577.) Costa Rica.
12. **bourcierii**, *Bp.* (p. 577.) Ecuador,
? N. Peru.
13. **erythroparia**, *Bp.* (p. 578.) Ecuador.
14. **frenata** (*Tschudi*). (p. 578.) Peru, Bolivia.
15. **chiriquensis**, *Scl.* (p. 579.) Costa Rica to Panama.
16. **linearis** (*Prév. & Knip*). (p. 580.) Colombia.
17. **venezuelensis**, *Salvad.* (p. 581.) Venezuela,
Tobago.
18. **albifacies**, *Scl.* (p. 581.) C. America (Mexico to
Nicaragua).

XXXVI. PHLOGÆNAS, *Reichenb.*

(*Salvad. Cat. B. xxi. p. 583, 1893.*)

1. **luzonica** (*Šcop.*). (p. 585.) Philippine Is. (Luzon).
2. **crinigera** (*Jacq. & Pucher.*). (p. 587.) Mindanao, Basilan.
3. **menagei**, *Bourns & Worc.*, Occ. Papers Minnesota Acad. i. p. 10 (1894). Tawi Tawi Isl.,
Sulu Archipelago.
4. **platenæ**, *Hartert*, J. f. O. 1891, p. 302. (p. 588.) Mindoro Isl.
5. **rufigula** (*Jacq. & Pucher.*). (p. 588.) New Guinea, Salawati,
Jobi, Mysol, Waigiou.

6. *helviventris* (*Rosenb.*). (p. 590.) Aru Is.,
S.E. New Guinea.
7. *tristigma*, *Bp.* (p. 590.) N. Celebes.
8. *bimaculata*, *Salvad.* (p. 591.) S. Celebes.
9. *canifrons*, *Hartl. & Finsch.* (p. 592.) Pelew Is.
10. *yapensis*, *Hartl. & Finsch.* (p. 593, note.) Uap Isl.,
Mackenzie Is.
11. *beccarii* (*Salvad.*). (p. 593.) ? Jobi Isl.
12. *johannæ*, *Scl.* (p. 594.) Duke of York Isl.
13. *granti*, *Salvad.* (p. 594.) Guadalcanar Isl.,
Solomon Is.
14. *stairi* (*Gray*). (p. 595.) Fiji Is.,
Tonga Is.
15. *samoensis*, *Finsch.* (p. 596.) Samoa Is.
16. *solomonis*, *Ramsay.* (p. 597, note.) ? San Cristoval,
Solomon Is.
17. *jobiensis*, *A. B. Meyer*, MT. k. Mus. Dresden,
i. p. 10 (Aug. 1875). New Guinea, Jobi,
Bismarck Archipelago.
[*margaritæ* (*D'Albert. & Salvad.*), Nov. 1875
(p. 597.)]
18. *kubaryi*, *Finsch.* (p. 599.) Ruk Isl., Caroline Is.
19. *sp.* (p. 599, note.) Guadalcanar,
Solomon Is.
20. *erythroptera* (*Gm.*). (p. 600.) Eimeo Isl., Society Is.
? Bow Isl., Paumotu Is.
21. *sp.* (p. 601, note.) Tahiti, Society Is.
22. *albicollis*, *Salvad.* (p. 601.) Bow Isl., Paumotu Is.
23. *xanthonura*, *Temm.* (*Cf. Hartert*, Nov. Zool. Marianne Is.
v. p. 60, 1898.)
[*pampusan* (*Q. & G.*). (p. 602.)]
[*virgo*, *Reichen.* (p. 604.)]

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| 24. <i>pectoralis</i> (<i>Peale</i>). (p. 604, note.) | Carlshoof Isl.,
Paumotu Is. |
| 25. <i>sp.</i> (p. 604, note.) | Eimeo Isl., Society Is. |
| 26. <i>sp.</i> (p. 605, note.) | Tanna Isl., New Hebrides. |
| 27. <i>ferruginea</i> , <i>Forst.</i> (p. 605, note.) | Tanna Isl., New Hebrides. |
| 28. <i>rubescens</i> (<i>Vieill.</i>). (p. 606, note.) | Nukahiva Isl.,
Marquesas Is. |
| 29. <i>sp.</i> (p. 606, note.) | Marquesas Is. |
| 30. <i>eimeensis</i> (<i>Gm.</i>). (p. 606, note.) | Eimeo Isl., Society Is. |
| 31. <i>sp.</i> (p. 607.) | Howe's Isl., Tonga Is. |

XXXVII. *ALOPECÆNAS*, *Finsch*.

(Finsch, Notes Leyd. Mus. xxi. 1899.)

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|---|----------------------------------|
| 1. <i>hoedti</i> (<i>Schl.</i>). (Salvad. Cat. p. 592.) | Wetter Isl.,
Lesser Sunda Is. |
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XXXVIII. *LEUCOSARCIA*, *Gould*.

(Salvad. Cat. B. xxi. p. 607, 1893.)

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| 1. <i>picata</i> (<i>Lath.</i>). (p. 607.) | E. Australia,
Interior Province,
Victoria. |
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XXXIX. *EUTRYGON*, *Scl.*

(Salvad. t. c. p. 609.)

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|--|-----------------------------|
| 1. <i>terrestris</i> (<i>Jacq. & Pucher.</i>). (p. 609.) | W. New Guinea,
Salawati. |
| 2. <i>leucoparia</i> , <i>A. B. Meyer</i> . (p. 610.) | S. & S.E. New Guinea. |

XL. *OTIDIPHAPS*, *Gould*.

(Salvad. t. c. p. 610.)

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|--|--|
| 1. <i>nobilis</i> , <i>Gould</i> . (p. 611.) | W. New Guinea,
Batanta. |
| 2. <i>cervicalis</i> , <i>Ramsay</i> . (p. 611.) | S.E. New Guinea. |
| 3. <i>insularis</i> , <i>Salvin & Godman</i> . (p. 612.) | Fergusson Isl.,
D'Entrecasteaux Is. |

XLI. STARNÆNAS, *Bp.*

(*Salvad. Cat. B. xxi. p. 612, 1893.*)

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|--|------------------------|
| 1. <i>cyanocephala</i> (<i>Linn.</i>). (p. 613.) | Cuba,
Florida Keys. |
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Sub-Family VII. *CALÆNADINÆ.*

(*Salvad. Cat. B. xxi. p. 614, 1893.*)

XLII. CALÆNAS, *Gray.*

(*Salvad. t. c. p. 614.*)

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|---|---|
| 1. <i>nicobarica</i> (<i>Linn.</i>). (p. 615.) | Nicobar Is.,
Mergui Archipelago,
Greater Sunda Is.
Moluccas to
New Guinea.
Bismarek Archipelago. |
| 2. <i>maculata</i> (<i>Gm.</i>). (p. 641.)
(<i>Cf. Forbes, Bull. Liverp. Mus. i. p. 83,</i>
<i>Columbæ, pl. i.</i>) | Patr. ign. |
| 3. <i>pelewensis</i> , <i>Finsch.</i> (p. 618.) | Pelew Is. |

Family IV. *GOURIDÆ.*

(*Salvad. Cat. B. xxi. p. 619, 1893.*)

I. *GOURA*, *Steph.*

(*Salvad. t. c. p. 619.*)

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|---|---|
| 1. <i>coronata</i> (<i>Linn.</i>). (p. 620.) | W. New Guinea,
Salawati, Waigiou,
Mysol, Batanta. |
| 2. <i>sclateri</i> , <i>Salvad.</i> (p. 622.) | C. & S. New Guinea. |
| 3. <i>albertisi</i> , <i>Salvad.</i> (p. 623.) | S.E. New Guinea. |
| 4. <i>scheepmakeri</i> , <i>Finsch.</i> (p. 623.) | ?S.W. New Guinea. |
| 5. <i>victoria</i> (<i>Fraser.</i>) (p. 624.) | Jobi Isl.,
Misoro Isl., N.W. New
Guinea. |
| 6. <i>beccarii</i> , <i>Salvad.</i> (p. 625.) | N. New Guinea
(Humboldt Bay). |

7. **huonensis**, *A. B. Meyer*. (p. 625, note.) E. New Guinea (Huon Gulf).
 8. **cinerea**, *Hartert*, Nov. Zool. ii. p. 67 (1895). N.W. New Guinea (Arfak Mts.).

II. *Progora*, *De Vis*.

(Proc. Roy. Soc. Queensl. v. p. 127, 1888.)

1. **gallinacea**, *De Vis*, *l. c.* Queensland (Pleistocene).

Family V. **DIDUNCULIDÆ**.

(Salvad. Cat. B. xxi. p. 626, 1893.)

I. **DIDUNCULUS**, *Pale*.

(Salvad. *t. c.* p. 626.)

1. **strigirostris** (*Jard.*). (p. 626.) Samoa Is.

Sub-Order II. *DIDI*.

Family I. **DIDIDÆ**.

(Salvad. Cat. B. xxi. p. 628, 1893.)

I. *Protophaps*, *Strickl.*

(Salvad. *t. c.* p. 629.)

1. **solitarius** (*Gm.*). (p. 629.) Isl. of Rodriguez
(*extinct*).

II. *Didus*, *Linn.*

(Salvad. *t. c.* p. 632.)

1. **inceptus**, *Linn.* (p. 632.) Isl. of Mauritius
(*extinct*).
 2. **borbonicus**, *Ep. ex Strickl.* (p. 635.) Isl. of Réunion
(*extinct*).

Order VI. OPISTHOCOMIFORMES.

(Sharpe, *Classif. B.* p. 70, 1891.)

Sub-Order *OPISTHOCOMI*.

(Sharpe, *t. c.* p. 70.)

Family I. *OPISTHOCOMIDÆ*.

(Ogilvie Grant, *Cat. B.* xxii. p. 523, 1893.)

I. *OPISTHOCOMUS*, *Illiger*.

(Ogilvie Grant, *t. c.* p. 523.)

1. *hoazin*, *P. L. S. Müll.* (p. 524.)

Amazonia,
Guiana, Colombia,
Ecuador, Peru,
Bolivia.

Order VII. RALLIFORMES.

Family I. *RALLIDÆ*.

(Sharpe, *Cat. B.* xxiii. p. 1, 1894.)

Sub-Family I. *RALLINÆ*.

I. *RALLUS*, *Linn.*

(Sharpe, *t. c.* p. 6.)

1. *elegans*, *Audub.* (p. 8.)

N. America (Canada
to Texas and Florida).
Cuba.

2. *beldingi*, *Ridgw.* (p. 10.)

Lower California.

3. *tenuirostris*, *Ridgw.* (p. 10.)

Valley of Mexico.

4. *longirostris*, *Bodd.* (p. 10.)

Guiana to Peru.

5. *cubanus*, *Chapm.* (p. 329.)

Cuba.

6. *coryi*, *Maquard.*

[*caribæus*, pt., Sharpe, *t. c.* p. 13.]

Bahamas.

7. *crassirostris*, *Lawr.* (p. 11.)

Brazil.

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| 8. <i>crepitans</i> , Gm. (p. 12.) | Coasts of Eastern N.
America. |
| 9. <i>scotti</i> , Sennett, Auk, v. p. 305 (1888). | W. Florida. |
| 10. <i>caribæus</i> , Ridgw. (p. 13.) | Greater and Lesser
Antilles. |
| 11. <i>saturatus</i> , Ridgw. (p. 13.) | S. U. States
(Coast of Louisiana). |
| 12. <i>obsoletus</i> , Ridgw. (p. 15.) | W. N. America
(California to
Washington State). |
| 13. <i>virginianus</i> , Linn. (p. 16.) | N. America.
C. America to
Guatemala (<i>winter</i>). |
| 14. <i>æquatorialis</i> , Sharpe. (p. 18.) | Colombia to Peru. |
| 15. <i>semitlumbeus</i> , Sel. (p. 19.) | Colombia. |
| 16. <i>antarcticus</i> , King. (p. 19.) | Argentina to Patagonia,
C. Chile. |
| 17. <i>peruvianus</i> , Tacx. (p. 6, note.) | Peru. |
| 18. <i>aquaticus</i> , Linn. (p. 20.) | Europe, C. Asia.
N. Africa (<i>winter</i>),
N.W. India (<i>winter</i>). |
| 19. <i>indicus</i> , Blyth. (p. 24.) | E. Siberia, Japan.
S. China (<i>winter</i>),
N.E. India (<i>winter</i>). |
| 20. <i>cærulescens</i> , Gm. (p. 25.) | S. Africa to Angola,
Zambesi to L. Tang-
yanika. |
| 21. <i>madagascariensis</i> , Verr. (p. 26.) | Madagascar. |

INCERTÆ SEDIS.

The following species of *Rallidæ* have been described under the name of *Rallus* by Prof. Milne-Edwards and Mr. Lydekker. Some of them may hereafter be found to belong to other genera (*cf.* Lydekker, Cat. Fossil B. p. 144; Sharpe, Cat. B. xxiii. p. 227).

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| 22. <i>dispar</i> , Milne-Edw. (p. 227.) | France (Gers)
(Middle Miocene). |
| 23. <i>braumonti</i> , Milne-Edw. (p. 227.) | France (Gers)
(Middle Miocene). |

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| 24. <i>major</i> , <i>Milne-Edw.</i> (p. 228.) | France (Gers)
(Middle Miocene). |
| 25. <i>sp.</i> , <i>Lydekker.</i> (p. 228.) | Germany (Lower
Miocene). |
| 26. <i>porcanoides</i> , <i>Milne-Edw.</i> (p. 228.) | France (Allier)
(Lower Miocene). |
| 27. <i>christyi</i> , <i>Milne-Edw.</i> (p. 228.) | France (Allier)
(Lower Miocene). |
| 28. <i>eximius</i> , <i>Milne-Edw.</i> (p. 228.) | France (Allier)
(Lower Miocene). |
| 29. <i>intermedius</i> , <i>Milne-Edw.</i> (p. 228.) | France (Montmartre).
(Upper Eocene). |
| 30. <i>dasypus</i> , <i>Milne-Edw.</i> (p. 228.) | France (St. Antonin)
(Upper Eocene). |
| 31. <i>arnarius</i> , <i>Milne-Edw.</i> (p. 228.) | France (Caylux)
(Upper Eocene). |

II. LIMNOPARDALIS, *Cab.*

(Sharpe, Cat. B. xxiii. p. 27, 1894.)

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| 1. <i>maculatus</i> , <i>Bodd.</i> (p. 28.) | Paraguay & Brazil to
Guiana, Colombia.
Trinidad. Cuba. |
| 2. <i>rytirhynchus</i> , <i>Vieill.</i> (p. 29.) | S. Brazil, Argentina to
Mendoza & C. Peru. |
| 3. <i>sanguinolentus</i> , <i>Swains.</i> (p. 30.) | C. Chile to Peru. |
| 4. <i>vigilantis</i> , <i>Sharpe.</i> (p. 31.) | Str. of Magellan. |
| 5. <i>nigricans</i> , <i>Vieill.</i> (p. 31.) | Brazil to Peru and
Colombia. |

III. HYPOTÆNIDIA, *Reichenb.*

(Sharpe, t. c. p. 32.)

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|---|---|
| 1. <i>striata</i> , <i>L.</i> (p. 33.) | S. India, Ceylon.
Burmese countries to
China. Formosa.
Malay Peninsula,
Indo-Malayan Is.,
Celebes. |
| 2. <i>obscurior</i> , <i>Hume.</i> (p. 37.) | Andaman Is. |

3. *owstoni*, *Rothsch.*, Nov. Zool. ii. p. 481 (1895). Marianne Is.
[*marchei*, Oust., Arch. Mus. Paris (3) viii. p. 32 (1896).]
4. *pacifica* (*Gm.*). (p. 37, note.) Tahiti (*extinct*).
5. *brachypus* (*Suains.*). (p. 37.) Australia,
Tasmania,
Auckland Is.
6. *exsul*, *Hartert*, Nov. Zool. v. p. 50 (1898). Flores.
7. *muelleri* (*Rothsch.*). (p. 330.) Auckland Isl.,
S. of N. Zealand.
8. *philippinensis* (*Linn.*). (p. 39.) Entire Malayan Archi-
pelago.
Australia.
New Zealand.
Pacific Is.
9. *macquariensis* (*Hutton*). (p. 43.) Macquarie Is.
10. *torquata* (*Linn.*). (p. 43.) Philippine Archipelago.
11. *celebensis* (*Q. & G.*). (p. 45.) Celebes.
12. *jentinki*, *Sharpe*. (p. 330.) Sula Mangoli Isl.
[*sulcirostris*, pt., *Hartert*, Nov. Zool. v. p. 136,
(1898); Meyer & Wiglesw. B. Celebes, p. 699
(1898).]
13. *saturata*, *Salvad.* (p. 45.) N.W. New Guinea,
Salawati.
14. *sulcirostris* (*Wall.*). (p. 46.) Sula Is.
15. *insignis* (*Scl.*). (p. 46.) New Britain.

IV. *Microlimnas*, *Andrews*.

(*Andrews*, Nov. Zool. iii. p. 266, pl. x. 1896.)

1. *dieffenbachii* (*Gray*). (p. 47.) Chatham Is. (*extinct*).

V. *CABALUS*, *Hutton*.

(*Sharpe*, Cat. B. xxiii. p. 46, 1894.)

1. *modestus* (*Hutton*). (p. 331.) Little Mangare Isl.,
Chatham Is.
2. *sylvestris* (*Scl.*). (p. 48.) Lord Howe Isl.

VI. EULABEORNIS, *Gould.*

(Sharpe, Cat. B. xxiii. p. 49, 1894.)

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| 1. <i>castaneiventer</i> , <i>Gould.</i> (p. 49.) | ? N. Australia.
Aru Is. |
| 2. <i>pœcilopterus</i> (<i>Hartl.</i>). (p. 50.) | Fiji Is. |
| 3. <i>woodfordi</i> (<i>Ogilvie Grant</i>). (p. 50.) | Guadalcantar Isl.,
Solomon Is. |

VII. TRICHOLIMNAS, *Sharpe.*

(Sharpe, t. c. p. 51.)

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| 1. <i>lafresnayanus</i> (<i>Ferr. et Des Murs</i>). (p. 51.) | New Caledonia. |
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VIII. GYMNOCREX, *Salvad.*

(Sharpe, t. c. p. 52.)

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| 1. <i>rosenbergi</i> (<i>Schl.</i>). (p. 52.) | Celebes. |
| 2. <i>plumbeiventris</i> (<i>Gray</i>). (p. 52.) | Moluccas,
New Guinea,
Mysol, Aru Is.,
Solomon Is. |

IX. ARAMIDOPSIS, *Sharpe.*

(Sharpe, t. c. p. 331.)

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|--|----------|
| 1. <i>plateni</i> (<i>W. Blasius</i>). (p. 331.) | Celebes. |
|--|----------|

X. ARAMIDES, *Pucher.*

(Sharpe, t. c. p. 53.)

- | | |
|---|--|
| 1. <i>mangle</i> (<i>Spir.</i>). (p. 54.) | Brazil. |
| 2. <i>wolfi</i> , <i>Berl. & Tacz.</i> (p. 55.) | Ecuador. |
| 3. <i>axillaris</i> , <i>Laur.</i> (p. 56.) | Colombia,
Venezuela,
Guiana,
Honduras to S. Mexico. |
| 4. <i>gutturalis</i> , <i>Sharpe.</i> (p. 57.) | Peru. |
| 5. <i>cayanea</i> (<i>P. L. S. Müll.</i>). (p. 57.) | Colombia,
British Guiana,
Brazil. |

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| 6. <i>chiricote</i> (<i>V.</i>). (p. 58.) | Brazil,
Amazonia,
C. Peru to Colombia,
Panama. |
| 7. <i>albiventris</i> , <i>Laur.</i> (p. 59.) | Mexico to Guatemala,
Brit. Honduras. |
| 8. <i>plumbeicollis</i> , <i>Zeledon.</i> (p. 332.) | C. America (Atlantic
slope). Honduras,
Costa Rica, Nicaragua. |
| 9. <i>ypacaha</i> (<i>V.</i>). (p. 60.) | S. Brazil,
Argentina. |
| 10. <i>saracura</i> (<i>Spir.</i>). (p. 61.) | Brazil,
Peru. |
| 11. <i>calloptera</i> , <i>Scl. & Salv.</i> (p. 62.) | Ecuador. |

XI. MEGACREX, *Salvad.*

(Sharpe, Cat. B. xxiii. p. 63, 1894.)

- | | |
|--|---------------------------|
| 1. <i>inepta</i> , <i>D'Albert. & Salvad.</i> (p. 63.) | Fly River, S. New Guinea. |
|--|---------------------------|

XII. HABROPTILA, *Gray.*

(Sharpe, *t. c.* p. 63.)

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|--|--------------------------|
| 1. <i>wallacei</i> , <i>Gray.</i> (p. 63.) | Molucca Is. (Halmahéra). |
|--|--------------------------|

XIII. OCYDROMUS, *Wagler.*

(Sharpe, *t. c.* p. 64.)

- | | |
|---|-------------------------------|
| 1. <i>australis</i> (<i>Sparrm.</i>). (p. 64.) | S. Isl., New Zealand. |
| 2. <i>earli</i> , <i>Gray.</i> (p. 66.) | N. & S. Is., New
Zealand. |
| 3. <i>brachypterus</i> (<i>Lafr.</i>). (p. 67.) | S. Isl., New Zealand. |
| 4. <i>insignis</i> , <i>H. O. Forbes.</i> (p. 333.) | Chatham Is.
(Pleistocene). |

XIV. Aphanapteryx, *Frauenf.*

(Sharpe, *t. c.* p. 68.)

- | | |
|---|--------------------------|
| 1. <i>broeckii</i> (<i>Schl.</i>). (p. 68.) | Mauritius (Pleistocene). |
|---|--------------------------|

XV. *Diaphorapteryx*, *H. O. Forbes.*

(Sharpe, Cat. B. xxiii. p. 68, 1894.)

1. *hawkinsi*, *Forbes.* (pp. 68, 333.)

Chatham Is. (Pleistocene).

[Andrews, Nov. Zool. iii. p. 73, pls. iii. & ix.]

XVI. *Erethromachus*, *Milne-Edw.*

(Sharpe, t. c. p. 69.)

1. *Igualli*, *Milne-Edw.* (p. 69.)

Rodriguez (*extinct*).

XVII. *HIMANTORNIS*, *Schl.*

(Sharpe, t. c. p. 69.)

[*Psammocrex*, *Oust.* (p. 186). *Cf.* Cat. p. 339.]

1. *hæmatopus*, *Hartl.* (pp. 69, 339.)

West Africa (Liberia to
Lower Congo).

XVIII. *DRYOLIMNAS*, *Sharpe.*

(Sharpe, t. c. p. 70.)

1. *cuvieri* (*Pucher.*). (p. 70.)

Madagascar, Mauritius.

2. *aldabranus* (*Günth.*). (p. 71.)

Aldabra Is.

XIX. *CANIRALLUS*, *Bp.*

(Sharpe, t. c. p. 72.)

1. *oculeus* (*Hartl.*). (p. 72.)

West Africa (Liberia to
Gold Coast).

2. *kioloides* (*Pucher.*). (p. 73.)

Madagascar.

XX. *RALLINA*, *Reichenb.*

(Sharpe, t. c. p. 74.)

1. *fasciata* (*Raffl.*). (p. 75.)

Burmese Provinces,
Malay Peninsula,
Indo-Malayan Is.,
Halmahéra,
Pelew Is.

2. *superciliaris* (*Eyton*). (p. 76.)

Indian Peninsula,
Ceylon,
Burmese Provinces,
Malay Peninsula.

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|---|---|
| 3. <i>euryzonoides</i> (<i>Lafr.</i>). (p. 78.) | Philippine Archipelago. |
| 4. <i>formosana</i> , <i>Seeböhm</i> , Bull. Brit. Orn. Club, iv.
p. vii (1894). | Formosa. |
| 5. <i>sepiaria</i> (<i>Stejn.</i>). (p. 78, note.) | Liu Kiu Is. |
| 6. <i>minahasa</i> (<i>Wall.</i>). (p. 78.) | Celebes,
Sula Is. |
| 7. <i>tricolor</i> (<i>Gray</i>). (p. 79.) | Aru Is., Waigiou, Mysol,
New Guinea,
Duke of York Is.,
N.E. Australia. |

XXI. *CASTANOLIMNAS*, *Sharpe*.

(Sharpe, Cat. B. xxiii. p. 80, 1894.)

- | | |
|---|-------------|
| 1. <i>canningi</i> (<i>Blyth</i>). (p. 80.) | Andaman Is. |
|---|-------------|

XXII. *CRECOPSIS*, *Sharpe*.(Sharpe, *t. c.* p. 81.)

- | | |
|---|-------------------|
| 1. <i>egregia</i> (<i>Peters</i>). (p. 81.) | Tropical Africa.. |
|---|-------------------|

XXIII. *STICTOLIMNAS*, *Büttik.*(Sharpe, *t. c.* p. 333.)

- | | |
|--|-------------------------|
| 1. <i>sharpai</i> , <i>Büttik.</i> , Notes Leyden Mus. xv. p. 274
(1893). | S. America (loc. ign.). |
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XXIV. *CREX*, *Bechst.*(Sharpe, *t. c.* p. 82.)

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|---|--|
| 1. <i>crex</i> (<i>Linn.</i>). (p. 82.) | Europe to Yenesei Valley.
C. Asia.
Africa (<i>winter</i>).
N. S. Wales (<i>occ.</i>).
E. N. America (<i>occ.</i>). |
|---|--|

XXV. *Circoides*, *Shufeldt*.

(Shufeldt, Journ. Acad. Philad. xi. p. 412, 1892.)

- | | |
|--|-------------------|
| 1. <i>osbornii</i> , <i>Shufeldt</i> , Proc. Amer. Philos. Soc. xxx.
p. 125 (1892). | Texas (Pliocene). |
|--|-------------------|

XXVI. *GENOLIMNAS*, *Sharpe*.

(*Sharpe*, Cat. B. xxiii. p. 86, 1894.)

1. *isabellina* (*Bp.*). (pp. 86, 335.) Celebes.

XXVII. *AMAUROLIMNAS*, *Sharpe*.

(*Sharpe*, *t. c.* p. 87.)

1. *concolor* (*Gosse*). (p. 87.) Jamaica.
Guatemala to Guiana,
Brazil, W. Peru.

XXVIII. *ANUROLIMNAS*, *Sharpe*.

(*Sharpe*, *t. c.* p. 88.)

1. *castaneiceps* (*Scl. & Salv.*). (p. 88.) Ecuador.
2. *hauxwelli* (*Scl. & Salv.*). (p. 88.) Upper Amazonia.

XXIX. *ZAPORNIA*, *Leach*.

(*Sharpe*, *t. c.* p. 89.)

1. *parva* (*Scop.*). (p. 89.) C. & S. Europe.
C. Asia.
N.W. Africa & N.E.
Africa (*winter*).

XXX. *PORZANA*, *V.*

(*Sharpe*, *t. c.* p. 92.)

1. *porzana* (*Linn.*). (p. 93.) Europe.
C. Asia.
Indian Peninsula (*winter*).
Africa (*winter*).
2. *carolina* (*Linn.*). (p. 94.) N. America.
West India Is.,
Central America,
Colombia, Ecuador
(*winter*).
3. *fluminea*, *Gould*. (p. 101.) Australia.
4. *albicollis* (*V.*). (p. 102.) Brazil, Guiana,
Venezuela.

5. **pusilla**, *Pall.* (*Cf.* Reichen. J. f. O. 1898, p. 139.) C. Europe, E. to
[*intermedia* (Herm.). (p. 103).] Lake Baikal.
Africa and Madagascar
(*winter*).
6. **obscura**, *Oscar Neumann*, Orn. MB. v. p. 191 Masai-land, E. Africa.
(1897).
7. **affinis** (*Gray*). (pp. 106, 335.) New Zealand,
Chatham Is.
8. **auricularis**, *Reichen.*, J. f. O. 1898, p. 139. E. Siberia.
[*pusilla*, Sharpe, Cat. p. 106, *nec* *Pall.*] Japan, China (*winter*).
Philippine Is. (*winter*).
Indian Peninsula (*winter*).
9. **palustris**, *Gould*. (p. 109.) Australia.
10. **spiloptera**, *Durnf.* (p. 109.) Argentina.
11. **flaviventris** (*Bodd.*). (p. 110.) Cuba, Jamaica, Guiana,
Brazil.
12. **tabuensis** (*Gm.*). (p. 111, pt.) Tongatabu Is. (? *extinct*).
[*Cf.* Finsch, MT. orn. Ver. Wien, xvii. p. 4.]
13. **plumbea**, *Gray*. Philippine Is.,
[*tabuensis*, pt. (pp. 111, 335.)] Samoa Is., Fiji Is.,
New Hebrides,
New Caledonia, Australia,
New Zealand, Chatham Is.
14. **tahitiensis** (*Gm.*). (p. 111, note.) Tahiti.
15. **galapagoensis**, *Sharpe*. (p. 113.) Galapagos Is.
16. **bicolor**, *Walden*. (p. 113.) E. Himalayas to Manipur.

XXXI. **PENNULA**, *Dole*.

(Sharpe, Cat. B. xxiii. p. 114, 1894.)

1. **ecaudata** (*J. King*). (pp. 114, 335.) Hawaii, Sandwich Is.
2. **sandwichensis** (*Gm.*). (p. 336.) Sandwich Is.
[*wilsoni*, Finsch, Notes Leyden Mus. xx. p. 79 (1898).]

XXXII. **APHANOLIMNAS**, *Sharpe*.(Sharpe, *t. c.* p. 115.)

1. **monasa** (*Kittl.*). (pp. 115, 336.) Kushai Isl.

XXXIII. SAROTHRURA, *Heine*.

(*Corethrura*, Reichenb., Sharpe, Cat. B.

xxiii. p. 115, 1894.) *

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|--|--|
| 1. <i>pulchra</i> (<i>J. E. Gray</i>). (pp. 116, 336.) | (Senegambia to the
Congo.)
Equatorial Africa. |
| 2. <i>insularis</i> , <i>Sharpe</i> . (p. 118.) | Madagascar. |
| 3. <i>lineata</i> (<i>Swains.</i>). (p. 118.) | S. Africa (Knysna to
Natal). |
| 4. <i>watersi</i> (<i>Bartlett</i>). (p. 119.) | Madagascar. |
| 5. <i>elegans</i> (<i>Smith</i>). (p. 120.) | S. Africa (Kuysna to
Natal). |
| 6. <i>reichenovi</i> , <i>Sharpe</i> . (p. 121.) | W. Africa (Cameroons). |
| 7. <i>rufa</i> (<i>V.</i>). (p. 121.) | S. & S.W. Africa (Cape
Colony to Transvaal,
Damara-land to Ben-
guela). |
| 8. <i>lugens</i> (<i>Boehm</i>). (p. 123.) | Lake Tanganyika. |
| 9. <i>bonapartei</i> , <i>Lp.</i> (p. 123.) | W. Africa (Gaboon). |

XXXIV. RALLICULA, *Schl.*

(*Sharpe*, *t. c.* p. 123.)

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|--|----------------------------------|
| 1. <i>rubra</i> , <i>Schl.</i> (pp. 123, 336.) | N.W. New Guinea
(Arfak Mts.). |
| 2. <i>leucospila</i> (<i>Salvad.</i>). (p. 124.) | N.W. New Guinea
(Arfak Mts.). |
| 3. <i>forbesi</i> , <i>Sharpe</i> . (p. 124.) | S.E. New Guinea. |

* Dr. Reichenow (Orn. MB. iv. p. 4, 1896) suggests the restitution of *Sarothrura* of Heine (Nomencl. Mus. Hein. p. 319) in place of *Corethrura*, Reichenbach, as the first mention of the latter genus occurs in Gray's 'Genera of Birds' in 1846. In 1852 Reichenbach figured, as the type of his genus *Corethrura*, *C. jardinei* (= *C. lineata*); but as Gray in 1846 had previously given a full description of "*Corethrura*, Reichenbach," and figured the head of *C. rubiginosa* [pl. 161. fig. 7 = *Limnæus fuscus* (Linn.)] as the typical species, Dr. Reichenow's suggestion will have to be adopted.

XXXV. **THYRORHINA**, *Scl. & Salv.*

(Sharpe, Cat. B. xxiii. p. 125, 1894.)

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|--|---------------------------------------|
| 1. <i>schomburgki</i> (<i>Cab.</i>). (p. 125.) | British Guiana,
Venezuela, Brazil. |
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XXXVI. **ORTYGOPS**, *Heine.*(Sharpe, *t. c.* p. 127.)

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|--|--------------------------------------|
| 1. <i>noveboracensis</i> (<i>Gm.</i>). (p. 126.) | N. America.
Cuba.
Bermudas. |
| 2. <i>exquisita</i> (<i>Swinh.</i>). (p. 128.) | E. Siberia & Japan to
N.E. China. |
| 3. <i>notata</i> (<i>Gould</i>). (p. 128.) | Uruguay to Patagonia. |
| 4. <i>ayresi</i> (<i>Gurney</i>). (p. 129.) | S.E. Africa. |

XXXVII. **POLIOLIMNAS**, *Sharpe.*(Sharpe, *t. c.* p. 130.)

- | | |
|---|--|
| 1. <i>cinereus</i> (<i>V.</i>). (pp. 130, 337.) | Malayan Peninsula,
Greater and Lesser
Sunda Is.,
Buru, Australia,
Oceania. |
|---|--|

XXXVIII. **PORZANULA**, *Frohawk.*(Sharpe, *t. c.* p. 133.)

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|---|-----------------------|
| 1. <i>palmeri</i> , <i>Frohawk.</i> (pp. 133, 337.) | Laysan Isl., Pacific. |
|---|-----------------------|

XXXIX. **CRECISCUS**, *Cab.*(Sharpe, *t. c.* p. 134.)

- | | |
|---|--|
| 1. <i>jamaicensis</i> (<i>Gm.</i>). (p. 135.) | N. America.
Central America (<i>winter</i>).
Greater Antilles (<i>winter</i>). |
| 2. <i>salinazi</i> (<i>Philippi</i>). (p. 136.) | W. S. America (Chile.
Peru). |

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|--|--|
| 3. <i>coturniculus</i> (<i>Ridgw.</i>). (p. 137, note.) | Farallone Is., California. |
| 4. <i>spilonotus</i> (<i>Gould</i>). (p. 137.) | Galapagos Is. |
| 5. <i>exilis</i> (<i>Bp.</i>). (p. 138.) | Amazonia to Guiana.
Trinidad. |
| 6. <i>vagans</i> (<i>Ridgw.</i>). (p. 139.) | Honduras
(Segovia River). |
| 7. <i>melanophæus</i> (<i>Gray</i>). (pp. 139, 337.) | Brazil. |
| 8. <i>œnops</i> (<i>Scl. & Salv.</i>). (p. 140.) | Ecuador. |
| 9. <i>albigularis</i> (<i>Laur.</i>). (p. 140.) | Costa Rica and
Nicaragua to Colombia. |
| 10. <i>cinereiceps</i> (<i>Laur.</i>). (p. 141, note, & p. 337.)
[<i>leucogaster</i> (<i>Ridgw.</i>). (p. 140, note.)] | E. Costa Rica.
N.E. Nicaragua. |
| 11. <i>alfari</i> (<i>Ridgw.</i>). (p. 141, note.) | Costa Rica. |
| 12. <i>leucopyrrhus</i> (<i>V.</i>). (p. 142.) | S. Brazil, Argentina, &
Paraguay. |
| 13. <i>levraudi</i> (<i>Scl. & Salv.</i>). (p. 142.) | Venezuela. |
| 14. <i>ruber</i> (<i>Scl. & Salv.</i>). (p. 143.) | C. America (Yucatan to
Guatemala). |
| 15. <i>cayennensis</i> (<i>Bodd.</i>). (p. 143.) | Brazil, Amazonia,
Guiana, Colombia. |
| 16. <i>facialis</i> (<i>Tschudi</i>). (p. 145.) | Peru. |

XL. *LIMNOBÆNUS*, *Sundev.*

(Sharpe, Cat. B. xxiii. p. 145, 1894.)

- | | |
|--|---|
| 1. <i>fuscus</i> (<i>Linn.</i>). (p. 146.) | Indian Peninsula, Ceylon.
Burmese countries to
China and Japan.
Malay Peninsula.
Java, Philippine Is.,
Christmas Isl., Borneo. |
| 2. <i>phæopygus</i> (<i>Stejn.</i>). (p. 148.) | Liu Kiu Is. |
| 3. <i>paykulli</i> (<i>Ljungh.</i>). (p. 149.) | E. Siberia, China.
Malay Peninsula, Java,
Borneo, Philippine Is. |
| 4. <i>marginalis</i> (<i>Hartl.</i>). (pp. 32, 335.) | S. Algeria.
Tropical Africa. |

XLI. LIMNOCORAX, *Peters.*

(Sharpe, Cat. B. xxiii. p. 150, 1894.)

- 1.
- niger*
- (
- Gm.*
-). (p. 150.)

Tropical Africa.
Madeira.XLII. AMAUORNIS, *Reichenb.*(Sharpe, *t. c.* p. 152.)

- 1.
- olivacea*
- (
- Meyen*
-). (p. 153.)

Philippine Archipelago.

- 2.
- moluccana*
- (
- Wall.*
-). (p. 153.)

Molucca Is.,
New Guinea,
Bismarck Archipelago,
N.E. Australia.

- 3.
- akool*
- (
- Sykes*
-). (p. 155.)

Indian Peninsula to
Assam Hills.

- 4.
- phoenicura*
- (
- Forster*
-). (p. 156.)

Indian Peninsula, Ceylon.
Indo-Burmese Provinces.
China.
Malay Peninsula.
Greater & Lesser
Sunda Is. Celebes.

- 5.
- insularis*
- ,
- Sharpe*
- . (p. 162.)

Andaman Is.,
Nicobars.XLIII. ROUGETIUS, *Bp.*(Sharpe, *t. c.* p. 162.)

- 1.
- rougeti*
- (
- Guér.*
-). (p. 162.)

Abyssinia, Shoa.

XLIV. NEOCREX, *Scl. & Salv.*(Sharpe, *t. c.* p. 163.)

- 1.
- erythrops*
- (
- Scl.*
-). (pp. 163, 338.)

Argentina. Brazil to
Venezuela & Peru.

- 2.
- colombianus*
- ,
- Bangs*
- , Proc. Biol. Soc. Wash-
-
- ton, xii. p. 171 (1898.)

Colombia.

XLV. TRIBONYX, *Du Bus.*(Sharpe, *t. c.* p. 164.)

- 1.
- mortieri*
- ,
- Du Bus.*
- (p. 164.)

S. Australia.
Tasmania.

- 2.
- roberti*
- ,
- Andrews*
- ,
- Ibis*
- , 1897, p. 356, pl. ix. (1897.)

C. Madagascar.

XLVI. MICROTRIBONYX, *Sharpe*.

(Sharpe, Cat. B. xxiii. p. 164, 1894.)

- | | |
|---|-------------------------|
| 1. <i>ventralis</i> (<i>Gould</i>). (p. 165.) | W., S., & N. Australia. |
| 2. <i>effluxus</i> (<i>De Vis</i>). (p. 164, note.) | Queensland. |

XLVII. PAREUDIASTES, *Hartl. & Finsch*.

(Sharpe, t. c. p. 166.)

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|--|-----------|
| 1. <i>pacificus</i> , <i>H. & F.</i> (p. 166.) | Samoa Is. |
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XLVIII. PORPHYRIORNIS, *Allen*.

(Sharpe, t. c. p. 166.)

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|---|----------------------|
| 1. <i>nesiotis</i> (<i>Scl.</i>). (p. 166.) | Tristan da Cunha Is. |
| 2. <i>comeri</i> , <i>Allen</i> . (p. 167.) | Gough Isl. |

XLIX. GALLINULA, *Briss.*

(Sharpe, t. c. p. 167.)

- | | |
|--|---|
| 1. <i>tenebrosa</i> , <i>Gould</i> . (p. 168.) | E. & S. Australia,
S. New Guinea. |
| 2. <i>frontata</i> , <i>Wall.</i> (p. 168.) | Australia, New Guinea,
Molucca Is., Celebes,
S.E. Borneo. |
| 3. <i>lepidia</i> , <i>Brügg.</i> (p. 167, note.) | Patr. ign. |
| 4. <i>strenuipes</i> , <i>De Vis</i> . (p. 167, note.) | Queensland (Pleistocene). |
| 5. <i>pratalata</i> , <i>De Vis</i> . (p. 167, note.) | Queensland (Pleistocene) |
| 6. <i>chloropus</i> (<i>Linn.</i>). (p. 169.) | Europe. Asia.
Africa.
Madagascar, Mauritius. |
| 7. <i>galeata</i> , <i>Bp.</i> (p. 177.) | N. & S. America.
Greater & Lesser
Antilles. |
| 8. <i>garmani</i> , <i>Allen</i> .
[<i>Cf. Hartert</i> , Nov. Zool. v. pp. 63, 64 (1898).] | Lake Titicaca, Peru. |
| 9. <i>sandwichensis</i> , <i>Streets</i> . (p. 180.) | Hawaiian Archipelago. |
| 10. <i>angulata</i> , <i>Sundev.</i> (p. 181.) | Tropical Africa. |

I. **PORPHYRIOPS**, *Pucher.*

(Sharpe, Cat. B. xxiii. p. 182, 1894.)

- 1.
- melanops**
- (
- V.*
-). (pp. 182, 338.)

Argentina. Brazil to
Colombia, Peru, &
Chile.LI. **GALLICREX**, *Blyth.*(Sharpe, *t. c.* p. 183.)

- 1.
- cinerea**
- (
- Lath.*
-). (p. 183.)

Indian Peninsula.
Ceylon.
Burmese Provinces to
China & Japan.
Malay Peninsula.
Greater Sunda Is.LII. **PORPHYRIOLA**, *Sundev.*(Sharpe, *t. c.* p. 187.)

- 1.
- alleni**
- (
- Thoms.*
-). (p. 187.)

Tropical Africa.
Madagascar, Rodriguez.
S. Europe (*occ.*).
Canary Is.

- 2.
- martinica**
- (
- Linn.*
-). (pp. 189, 339.)

Texas, Florida.
C. America to Colombia,
Brazil, Amazonia,
Guiana. W. India Is.

- 3.
- parva**
- (
- Bodd.*
-). (pp. 191, 339.)

Guiana, Amazonia.
Int. of Brazil.LIII. **PORPHYRIO**, *Briss.*(Sharpe, *t. c.* p. 192.)

- 1.
- cæruleus**
- (
- Vandelli*
-). (p. 194.)

Mediterranean countries.

- 2.
- porphyrio**
- (
- Linn.*
-). (p. 195.)

Tropical Africa, N. to
Egypt. Madagascar.

- 3.
- poliocephalus**
- (
- Lath.*
-). (p. 197.)

Caucasus, Afghanistan,
Indian Peninsula,
Ceylon,
Burmese Provinces.

- 4.
- bemmeleni**
- ,
- Büttik.*
- (p. 200.)

Sumatra.

- 5.
- calvus**
- ,
- V.*
- (p. 200.)

Greater Sunda Is.,
Celebes.

- 6.
- palliatu**
- s,
- Brügg.*
- (p. 192, note.)

Patr. ign.

- | | |
|--|---|
| 7. <i>edwardsi</i> , <i>Elliot</i> . (p. 201.) | Cochin China, Siam,
Malay Peninsula. |
| 8. <i>elliotti</i> , <i>Salvad</i> . (p. 202.) | Admiralty Is. |
| 9. <i>neobritannicus</i> , <i>A. B. Meyer</i> . (p. 202, pt.) | New Britain. |
| 10. <i>bellus</i> , <i>Gould</i> . (p. 202.) | W. Australia. |
| 11. <i>chathamensis</i> , <i>Sharpe</i> . (p. 202.) | Chatham Is. |
| 12. <i>smaragdinus</i> , <i>Temm</i> . (p. 203.) | Celebes, Lesser Sunda Is.
New Guinea.
Bismarck Archipelago.
Oceania. |
| 13. <i>samoensis</i> , <i>Peale</i> . (p. 204.) | Samoa Is. |
| 14. <i>melanonotus</i> , <i>Temm</i> . (p. 205.) | Australia, Tasmania,
New Zealand,
Norfolk Isl.,
Lord Howe Isl.,
New Guinea. |
| 15. <i>pelewensis</i> , <i>Hartl. & Finsch</i> . (p. 206.) | Pelew Is. |
| 16. <i>mackintoshi</i> , <i>De Vis</i> . (p. 193, note.) | Queensland (Pleistocene). |
| 17. <i>pulverulentus</i> , <i>Temm</i> . (p. 207.) | Philippine Archipelago. |

LIV. NOTORNIS, *Owen*.

[*Apterornis*, *Selys Longch*. (p. 193, note.)]
(*Sharpe*, Cat. B. xxiii. p. 207, 1894.)

- | | |
|--|---|
| 1. <i>mantelli</i> , <i>Owen</i> . (p. 208.) | New Zealand. |
| 2. <i>hochstetteri</i> , <i>A. B. Meyer</i> . (p. 208, note.) | New Zealand, South Isl. |
| 3. <i>parkeri</i> , <i>Forbes</i> , Tr. N. Z. Inst. xxiv. p. 187 (1892). | New Zealand. |
| 4. <i>caeruleus</i> (<i>Selys-Longch</i>). (p. 193, note.) | Réunion Isl. |
| 5. <i>albus</i> (<i>White</i>). (p. 208.) | Norfolk Isl.,
Lord Howe Isl. (<i>extinct</i>). |

Sub-Family II. *FULICINÆ*.

LV. FULICA, *Linn*.

(*Sharpe*, t. c. p. 209.)

- | | |
|--|--|
| 1. <i>atra</i> , <i>Linn</i> . (p. 210.) | Europe, Mediterranean
countries, N. & C. Asia,
Indian Peninsula,
China, Philippines,
Java, Sumatra, Celebes. |
|--|--|

- | | |
|---|---|
| 2. <i>cristata</i> , <i>Gm.</i> (p. 215.) | Tropical Africa.
Madagascar. N. Africa.
S.W. Europe. |
| 3. <i>australis</i> , <i>Gould.</i> (p. 217.) | Australia,
Tasmania. |
| 4. ? <i>novæ-zealandiæ</i> , <i>Colenso.</i> (p. 209, note.) | New Zealand. |
| 5. <i>cornuta</i> , <i>Bp.</i> (p. 217.) | Bolivia (Potosi). |
| 6. <i>ardesiaca</i> , <i>Tsch.</i> (p. 217.) | Ecuador, Peru,
Bolivia, N. Chile. |
| 7. <i>armillata</i> , <i>V.</i> (p. 218.) | Patagonia and Chile to
Bolivia, Argentina, &
S. Brazil. |
| 8. <i>gigantea</i> , <i>Eyd. & Souleyet.</i> (p. 219.) | Peru, Bolivia, N. Chile. |
| 9. <i>rufifrons</i> , <i>Philippi & Landb.</i>
[? <i>leucopyga</i> , <i>Gray</i> , nec <i>Wagl.</i> (p. 220.)] | Falkland Is.,
Patagonia, Chile,
S. Brazil, Argentina. |
| 10. <i>americana</i> , <i>Gm.</i> (p. 221.) | N. & C. America.
Antilles. |
| 11. <i>caribæa</i> , <i>Ridgw.</i> (p. 224.) | Lesser Antilles. |
| 12. <i>leucoptera</i> , <i>V.</i> (p. 224.) | Patagonia, Chile to
S. Brazil, Peru,
Bolivia. |
| 13. <i>alai</i> , <i>Peale.</i> (p. 225.) | Hawaiian Archipelago. |
| 14. <i>newtoni</i> , <i>Milne-Edw.</i> (p. 209, note.) | Mauritius (Pleistocene). |
| 15. <i>minor</i> , <i>Shufeldt.</i> (p. 209, note.) | Oregon (Pliocene). |
| 16. <i>desjardinsi</i> , <i>Van Bened.</i> (p. 209, note.) | Belgium (Pliocene). |
| 17. <i>pisana</i> , <i>Portis</i> , Orn. Vald. p. 13 (1891). | Italy (Pleistocene). |
| 18. <i>prior</i> , <i>De Vis.</i> (p. 209, note.) | Queensland (Pleistocene). |

LVI. *Palacolinna*, *Forbes.*

[Forbes, *Ibis*, 1893, p. 544; Andrews, *Nov. Zool.* iii.
p. 261, pls. ix., x. (1896).]

- | | |
|---|----------------------------|
| 1. <i>chathamensis</i> , <i>Forbes, l. c.</i> | Chatham Is. (Pleistocene). |
|---|----------------------------|

LVII. *Meguatia*, *Schl.*

(Sharpe, *Cat. B.* xxiii. p. 225, 1894.)

- | | |
|--|-------------------------------|
| 1. <i>gigantea</i> (<i>Schl.</i>). (p. 225.) | Mauritius (<i>extinct</i>). |
|--|-------------------------------|

Family II. **HELIORNITHIDÆ.**

(Sharpe, Cat. B. xxiii. p. 229, 1894.)

I. **PODICA**, *Less.*

(Sharpe, *t. c.* p. 229.)

- | | |
|--|---|
| 1. <i>senegalensis</i> (<i>V.</i>) (p. 230.) | West Africa (Senegambia
to the Congo). |
| 2. <i>camerunensis</i> , <i>Sjöstedt</i> , Sv. Akad. xxvii. no. 1,
p. 29, Taf. i. (1895). | Cameroons. |
| 3. <i>petersi</i> , <i>Hartl.</i> (p. 231.) | S.E. Africa. E. Africa.
Damara-land.
? Lower Congo. |

II. **HELIOPAIS**, *Sharpe.*

(Sharpe, *t. c.* p. 232.)

- | | |
|--|---|
| 1. <i>personata</i> (<i>Gray</i>). (p. 232.) | Cambodia,
Burma,
Malay Peninsula,
Sumatra. |
|--|---|

III. **HELIORNIS**, *Bonn.*"

(Sharpe, *t. c.* p. 233.)

- | | |
|---|--|
| 1. <i>fulica</i> (<i>Bodd.</i>) (p. 233.) | S. Brazil,
Amazonia, Guiana,
Venezuela, Colombia,
N. to Brit. Honduras. |
|---|--|

INCERTÆ SEDIS.

I. **Cypselornis**, *Milne-Edw.*

(Sharpe, Cat. B. xxiii. p. 226, 1894.)

- | | |
|---|------------------------|
| 1. <i>rubieri</i> , <i>Milne-Edw.</i> (p. 226.) | France (Upper Eocene). |
|---|------------------------|

II. **Telmatornis**, *Marsh.*

(Sharpe, *t. c.* p. 226.)

- | | |
|---|--------------------------|
| 1. <i>priscus</i> , <i>Marsh.</i> (p. 226.) | New Jersey (Cretaceous). |
| 2. <i>affinis</i> , <i>Marsh.</i> (p. 226.) | New Jersey (Cretaceous). |

III. *Orthocnemus*, *Milne-Edw.*

(Sharpe, Cat. B. xxiii. p. 226, 1894.)

- | | |
|--|---------------------------|
| 1. <i>gallicus</i> , <i>Milne-Edw.</i> (p. 226.) | S. France (Upper Eocene). |
| 2. <i>cursor</i> , <i>Milne-Edw.</i> (p. 226.) | S. France (Upper Eocene). |
| 3. <i>major</i> , <i>Milne-Edw.</i> (p. 226.) | S. France (Upper Eocene). |
| 4. <i>minor</i> , <i>Milne-Edw.</i> (p. 227.) | S. France (Upper Eocene). |

IV. *Elaphrocnemus*, *Milne-Edw.*(Sharpe, *t. c.* p. 227.)

- | | |
|---|---------------------------|
| 1. <i>phasianus</i> , <i>Milne-Edw.</i> (p. 227.) | S. France (Upper Eocene). |
| 2. <i>gracilis</i> , <i>Milne-Edw.</i> (p. 227.) | S. France (Upper Eocene). |
| 3. <i>erex</i> , <i>Milne-Edw.</i> (p. 227.) | S. France (Upper Eocene). |

V. *Capinopus*, *Milne-Edw.*(Sharpe, *t. c.* p. 227.)

- | | |
|--|---------------------------|
| 1. <i>elliotti</i> , <i>Milne-Edw.</i> (p. 227.) | S. France (Upper Eocene). |
|--|---------------------------|

VI. *Curyonotus*, *Mercerat.*

(Mercerat, An. Soc. Argent. xliii. p. 238, 1897.)

- | | |
|---|----------------------|
| 1. <i>brachypterus</i> , <i>Mercerat</i> , <i>t. c.</i> p. 238. | Patagonia (Miocene). |
| 2. <i>argentinus</i> , <i>Mercerat</i> , <i>t. c.</i> p. 239. | Patagonia (Miocene). |

Order VIII. PODICIPEDIDIFORMES.

(Sharpe, *Classif. B.* p. 71, 1891.)

Family I. PODICIPEDIDÆ.

(Ogilvie Grant, *Cat. B.* xxvi. p. 502, 1898.)

1. PODICIPES, *Lath.*

(Ogilvie Grant, *t. c.* p. 502.)

1. *fluviatilis* (*Tunst.*). (p. 507.)

C. & S. Europe.
C. Asia to Japan.

2. *philippinensis* (*Bonn.*). (p. 511.)

S. China,
Formosa, Hainan,
Burmese Provinces,
Philippine Archipelago,
Borneo.

3. *capensis* (*Salvad.*). (p. 513.)

[*albipennis*, Sharpe, *Bull. B. O. C.* 1894, iv. p. iv,
teste Grant, *t. c.*]

Tropical Africa,
Madagascar.
Persia, Afghanistan,
Indian Peninsula,
Burmese Provinces.

4. *tricolor*, *Gray.* (p. 517.)

Borneo
Lesser Sunda^s Is.,
Celebes,
Molucca Is.,
New Guinea, Aru Is.

5. *albescens*, *Blanf.* (p. 518.)

Native Sikhim.

6. *pelzelni*, *Hartl.* (p. 518.)

Madagascar.

7. *novæ-hollandiæ*, *Steph.* (p. 519.)

Java, New Guinea,
Australia,
New Caledonia.

8. *dominicus* (*Linn.*). (p. 520.)

S. Texas,
Central America,
Greater Antilles,
S. America to
Patagonia.

9. *poliocephalus*, *J. & S.* (p. 522.)

Australia,
Tasmania.

10. *rufipectus* (*Gray*). (p. 523.) New Zealand.
11. *americanus*, *Garnot*. (p. 524.) Argentina,
Paraguay to the
Straits of Magellan,
Chile, Peru.
12. *rollandi*, *Gould*. (p. 526.) Falkland Is.
13. *calipareus* (*Less.*). (p. 536.) Argentina to Peru,
Chile, S. to Straits
of Magellan,
Falkland Is.
14. *juninensis*, *Berl. & Stolz.* (p. 538.) Peru.
15. *taczanowskii*, *Berl. & Stolz.* (p. 538.) C. Peru.

II. DYTES, *Kaup*.

(*Podicipes*, pt., *Ogilvie Grant*, Cat. B. xxvi. p. 502, 1898.)

1. *auritus* (*Linn.*). (p. 527.) Arctic Regions.
Europe, Japan, China,
Northern U. States
(*winter*).

III. PROCTOPUS, *Kaup*.

(*Podicipes*, pt., *Ogilvie Grant*, t. c. p. 502.)

1. *nigricollis* (*Brehm*). (p. 533.) C. & S. Europe.
C. Asia to China and
Japan.
Africa (*winter*).
2. *californicus* (*Heerm.*). (p. 535.) Western N. America.
Guatemala (*winter*).

IV. CENTROPELMA, *Scl. & Salv.*

(*Podicipes*, pt., *Ogilvie Grant*, t. c. p. 502.)

1. *micropterum* (*Gould*). (p. 538.) Lake Titicaca, S. Peru.

V. LOPHÆTHYIA, *Kaup*.

(*Podicipes*, pt., *Ogilvie Grant*, t. c. p. 502.)

1. *cristata* (*Linn.*). (p. 544.) Europe to N. Asia and
Japan.
Indian Peninsula.
Africa.
Australia, Tasmania,
New Zealand.

- | | |
|--|--|
| 2. <i>griseigena</i> (<i>Bodd.</i>). (p. 539.) | Europe,
Mediterranean countries
to C. Asia. |
| 3. <i>holboelli</i> (<i>Reinh.</i>). (p. 542.) | N. America,
Greenland,
E. Siberia.
United States, Japan
(<i>winter</i>). |

VI. *ÆCHMOPHORUS*, *Coues*.

(Ogilvie Grant, Cat. B. xxvi. p. 549, 1898.)

- | | |
|--|--|
| 1. <i>major</i> <i>Bodd.</i> . (p. 549.) | C. & S. America. |
| 2. <i>occidentalis</i> (<i>Laur.</i>). (p. 550.) | Western N. America,
Canada to Mexico. |

VII. *PODILYMBUS*, *Less.*

(Ogilvie Grant, *t. c.* p. 553.)

- | | |
|---|------------------|
| 1. <i>podicipes</i> (<i>Linn.</i>). (p. 553.) | N. & S. America. |
|---|------------------|

Order IX. COLYMBIFORMES.

(Sharpe, Classif. B. p. 71, 1891.)

Family I. COLYMBIDÆ.

(Ogilvie Grant, Cat. B. xxvi. p. 485, 1898.)

I. *COLYMBUS*, *Linn.* (p. 486.)

- | | |
|--|--|
| 1. <i>septentrionalis</i> , <i>Linn.</i> (p. 487.) | Arctic Regions.
Mediterranean, Black and
Caspian Seas, China,
California, Florida
(<i>winter</i>). |
| 2. <i>arcticus</i> , <i>Linn.</i> (p. 492.) | N. Europe. N. Asia.
Mediterranean countries,
Black and Caspian Seas
(<i>winter</i>). |
| 3. <i>pacificus</i> , <i>Laur.</i> (p. 494.) | N. America. Japan.
California (<i>winter</i>). |

4. *glacialis*, *Linn.* (p. 496.)

Arctic N. America &
N.E. Asia.
N.W. Europe, Iceland.
California, Mediterranean
countries (*winter*).

5. *adamsi*, *Gray.* (p. 500.)

Arctic N. America &
N. Asia to Novaya
Zemlya. Lapland.
Japan, N.W. Europe
(*winter*).

II. *Colymboides*, *Milne-Edw.*

(Lydekker, Cat. Foss. B. p. 192, 1891.)

1. *minutus*, *Milne-Edw.* (L., p. 192.)

France (Lower Miocene).

2. *anglicus*, *Lydekker.* (L., p. 192.)

England (Upper
Pliocene).

Order X. HESPERORNITHIFORMES.

(Odontolce, Lydekker, Cat. Foss. B. p. 202, 1891.)

Family I. HESPERORNITHIDÆ.

(Lydekker, *t. c.* p. 204.)1. *Hesperornis*, *Marsh.*(Lydekker, *t. c.* p. 205.)1. *regalis*, *Marsh.* (L., p. 205.)

N. America :
W. Kansas (Cretaceous).

2. *crassipes*, *Marsh.* (L., p. 209.)

N. America :
W. Kansas (Cretaceous).

3. *gracilis*, *Marsh*, Amer. Journ. Sci. xi. p. 510
(1876).

N. America :
W. Kansas (Cretaceous).

II. *Coniornis*, *Marsh.*

(Marsh, Amer. Journ. Sci. (3) xlv. p. 81, 1893.)

1. *altus*, *Marsh, l. c.*

Montana (Cretaceous).

Family II. **ENALIORNITHIDÆ.**

I. **Enaliornis**, *Seeley*.

(Lydekker, Cat. Foss. B. p. 202, 1891.)

1. *barretti*, *Seeley*. (L., p. 202.)

England (Cretaceous).

II. **Baptornis**, *Marsh*.

(Marsh, Amer. Journ. Sci. xiv. p. 86, 1877.)

1. *advenus*, *Marsh*, *l. c.*

N. America :

W. Kansas (Cretaceous).

INCERTÆ SEDIS.

Eupternis, *Lemoine*.

(Lydekker, Cat. Foss. B. p. 200, 1891.)

1. *rimensis*, *Lemoine*. (L., p. 200.)

France (Lower Eocene).

Order XI. **SPHENISCIFORMES.**

(Sharpe, Classif. B. p. 71, 1891.)

Family I. **SPHENISCIDÆ.**

(Ogilvie Grant, Cat. B. xxvi. p. 623, 1898.)

I. **APTENODYTES**, *Forster*.

(Ogilvie Grant, *l. c.* p. 626.)

1. *forsteri*, *Gray*. (p. 626.)

Antarctic Seas.

2. *patagonica* (*Forst.*). (p. 627.)

Str. of Magellan,
Falkland Is.,
Kerguelen Isl.,
New Zealand Seas
(Macquarie Is., etc.)

II. PYGOSCELIS, *Wagler*.

(Ogilvie Grant, Cat. B. xxvi. p. 630, 1898.)

- | | |
|---|---|
| 1. <i>papua</i> (<i>Forster</i>). (p. 631.) | Falkland Is.,
Kerguelen Is.,
New Zealand Seas
(Macquarie Is., etc.). |
| 2. <i>adeliæ</i> (<i>Hombr. & Jacq.</i>). (p. 632.) | Antarctic Continent. |
| 3. <i>antarctica</i> (<i>Forster</i>). (p. 634.) | Falkland Is.,
S. Georgia, etc. |

III. CATARRHACTES, *Briss.*

(Ogilvie Grant, t. c. p. 635.)

- | | |
|---|---|
| 1. <i>chrysocome</i> (<i>Forster</i>). (p. 635.) | Falkland Is.
Kerguelen Isl.,
Cape Seas,
Australia,
New Zealand. |
| 2. <i>pachyrhynchus</i> (<i>Gray</i>). (p. 638.) | New Zealand,
Chatham Is. |
| 3. <i>sclateri</i> (<i>Buller</i>). (p. 640.) | New Zealand Seas,
(Campbell Isl.,
Antipodes Isl., etc. |
| 4. <i>chrysolophus</i> (<i>Brandt</i>). (p. 641.) | Falkland Is.
Kerguelen Isl.,
Heard Is., etc. |
| 5. <i>schlegeli</i> (<i>Finsch</i>). (p. 643.) | New Zealand,
Macquarie Is. |

IV. MEGADYPTES, *Milne-Edw.*

(Ogilvie Grant, t. c. p. 644.)

- | | |
|--|---|
| 1. <i>antipodum</i> (<i>Hombr. & Jacq.</i>). (p. 644.) | New Zealand,
Chatham Is.
Auckland Is., etc. |
|--|---|

V. **EUDYPTULA**, *Bp.*

(Ogilvie Grant, Cat. xxvi. p. 645, 1898.)

- | | |
|---|---|
| 1. minor (<i>Forster</i>). (p. 646.) | S. Australia,
Tasmania,
New Zealand,
Chatham Is. |
| 2. albosignata , <i>Finsch</i> . (p. 648.) | New Zealand. |

VI. **SPHENISCUS**, *Briss.*

(Ogilvie Grant, *t. c.* p. 648.)

- | | |
|--|---|
| 1. demersus (<i>Linn.</i>). (p. 649.) | S. & S.W. Africa. |
| 2. humboldti , <i>Meyen</i> . (p. 650.) | Coasts of Peru & Chile. |
| 3. magellanicus (<i>Forster</i>). (p. 651.) | Coasts of S. America to
Chile & S. Brazil.
Falkland Is. |
| 4. mendiculus , <i>Sundev</i> . (p. 653.) | Galapagos Is. |

VII. **Palacospheniscus**, *Mor. & Merc.*

(Amegh., Bol. Inst. Geogr. Argent. xv. p. 88, 1895.)

- | | |
|---|----------------------|
| 1. robustus , <i>Amegh. t. c.</i> p. 91. | Patagonia (Miocene). |
| 2. patagonicus , <i>Mor. & Merc.</i> (<i>Amegh. t. c.</i> p. 89.) | Patagonia (Miocene). |
| 3. menzbieri , <i>Mor. & Merc.</i> (<i>Amegh. t. c.</i> p. 89.) | Patagonia (Miocene). |
| 4. bergi , <i>Mor. & Merc.</i> (<i>Amegh. t. c.</i> p. 89.) | Patagonia (Miocene). |

VIII. **Paraptenodectes**, *Amegh.*

(*Amegh. t. c.* p. 91.)

- | | |
|--|----------------------|
| 1. antarcticus (<i>Mor. & Merc.</i>). | Patagonia (Miocene). |
|--|----------------------|

IX. **Paleudyptes**, *Hector.*

(Hector, Tr. N. Zeal. Inst. iv. p. 341, 1872.)

- | | |
|--|-------------------------|
| 1. antarcticus , <i>Hector, l. c.</i> | New Zealand (Tertiary). |
|--|-------------------------|

Family II. **CLADORNITHIDÆ.**

(Amegh., Bol. Inst. Geogr. Argent. xv. p. 85, 1895.)

I. **Cladornis**, *Amegh.*(Amegh. *t. c.* p. 86.)1. **pachypus**, *Amegh.* (p. 86.)

Patagonia (Miocene).

Order XII. **PROCELLARIIFORMES.**

(Sharpe, Classif. B. p. 71, 1891.)

Family I. **PROCELLARIIDÆ.**

(Salvin, Cat. B. xxv. p. 342, 1896.)

Sub-Family I. **PROCELLARIINÆ.**(Salvin, *t. c.* p. 343.)I. **PRCELLARIA**, *Linn.**(Salvin, *t. c.* p. 343.)1. **pelagica** *Linn.* (p. 343.)N. Atlantic Ocean to
W. Africa.
W. Mediterranean.2. **tethys**, *Bp.* (p. 346.)Coasts of W. S. America.
Galapagos Archipelago.3. **aquitania**, *Milne-Edw.*, Bibl. Haut-Études,
xi. art. v. (1874).

France (Miocene).

* Doubtful species are :—

Procellaria nigra, *P. lugubris*, *P. maculata*, Tschudi. (*cf.* Salvin, Cat. p. 455.)

II. HALOCYPTENA, *Coues*.

(Salvin, Cat. B. xxv. p. 346, 1896.)

1. *microsoma*, *Coues*. (p. 346.)

W. Coast of America
(Lower California to
Panama).

III. OCEANODROMA, *Reichenb.**

(Salvin, t. c. p. 347.)

1. *leucorrhoea* (*L.*). (p. 348.)

Northern Seas of both
Hemispheres.

2. *kaedingi*, *Anthony*, Auk, xv. p. 36 (1898).

Guadalupe Isl.,
Lower California.

3. *castro*, *Harc.* (Ogilvie Grant, Ibis, 1898, p. 314).
[*jabe-jabe*, Bocage, Journ. Lisb. 1875, p. 120;
cryptoleucura, Ridgw. (p. 350).]

Cape Verde Is.,
S. Atlantic to Madeira.
Galapagos Is.
Hawaiian Archipelago.

4. *macrodactyla*, *Bryant*. (p. 351.)

Guadalupe Is.,
Lower California.

5. *socorroensis*, *C. H. Towns*. (p. 352.)

Socorro Is.,
W. Mexico.

6. *fuliginosa* (*Gm.*). (p. 352.)

Japanese Seas.

7. *melania* (*Bp.*). (p. 353.)

California

8. *markhami* (*Salvin*). (p. 354.)

Peru.

9. *tristrami*, *Stejn.* (p. 354.)

Japan

10. *homochroa* (*Coues*). (p. 355.)

California.

11. *monorhis* (*Swinh.*). (p. 356.)

China, Japan.

12. *hornbyi* (*Gray*). (p. 356.)

N. Pacific Ocean.

13. *furcata* (*Gm.*). (p. 357.)

N. Pacific Ocean,
S. to Oregon.

* Doubtful species are :—

Thalassidroma fasciolata and *T. dubia*, Tschudi. Cf. Salvin, Cat. p. 455.

Sub-Family II. *OCEANITINÆ*.

(Salvin, Cat. B. xxv. p. 358, 1896.)

V. *OCEANITES*, *Keys. & Blas.*(Salvin, *t. c.* p. 358.)1. *oceanica* (*Kuhl*). (p. 358.)Atlantic and Indian
Oceans to the Antarctic
Seas. New Zealand.
Australia.2. *gracilis* (*Elliot*). (p. 361.)

W. Coast of S. America.

V. *GARRODIA*, *Forbes.*(Salvin, *t. c.* p. 361.)1. *nereis* (*Gould*). (p. 361.)Falkland Is.,
Kerguelen Isl.,
New Zealand.VI. *PELAGODROMA*, *Reichenb.*(Salvin, *t. c.* p. 362.)1. *marina* (*Lath.*). (p. 362.)Southern Seas.
Canary Is. [Accidental
in N. Atlantic.]VII. *PEALEA*, *Ridgw.*(Salvin, *t. c.* p. 364.)1. *lineata* (*Peale*). (p. 364.)

Samoa Is. (Upolu).

VIII. *FREGETTA*, *Bp.**(*Cymodroma*, Ridgw.; Salvin, *t. c.* p. 364.)1. *melanogaster* (*Gould*). (p. 364.)Southern Oceans, to
N. Atlantic.2. *grallaria* (*V.*). (p. 366.)Southern Oceans, N. to
Florida.

* Cf. Auk, xvi. p. 102 (1899).

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|--|---|
| 3. <i>albigularis</i> (<i>Finsch</i>). (p. 367.) | S. Pacific Ocean
(New Hebrides, etc.). |
| 4. <i>mœstissima</i> (<i>Salvin</i>). (p. 367.) | Samoa Is. |

Family II. **PUFFINIDÆ.**
(*Salvin*, Cat. B. xxv. p. 368, 1896.)

Sub-Family I. *PUFFININÆ.*
(*Salvin*, t. c. p. 368.)

I. **PUFFINUS**, *Briss.*

(*Salvin*, t. c. p. 368.)

- | | |
|---|---|
| 1. <i>leucomelas</i> , <i>Temm.</i> (p. 370.) | Japan & Corea, S. to
Australia. |
| 2. <i>cuneatus</i> , <i>Salvin.</i> (p. 371.) | N. Pacific Ocean.
Hawaiian Is. to Japan. |
| 3. <i>bulleri</i> , <i>Salvin.</i> (p. 371.) | New Zealand. |
| 4. <i>chlororhynchus</i> , <i>Less.</i> (p. 372.) | Indian & Australian Seas
to Central Pacific Is. |
| 5. <i>gravis</i> (<i>O'Reilly</i>). (p. 373.) | Atlantic Ocean S. to
Cape Seas.
Falkland Is. |
| 6. <i>kuhli</i> (<i>Boie</i>). (p. 375.) | Mediterranean Sea.
Atlantic Ocean, S. to
Kerguelen Isl. |
| 7. <i>borealis</i> , <i>Cory.</i>
[<i>kuhli</i> , pt., <i>Salvin</i> , Cat. p. 375.] | New England Coast. |
| 8. <i>creatopus</i> , <i>Coues.</i> (p. 376.) | W. Coast of America
from California to Chile. |
| 9. <i>puffinus</i> (<i>Linn.</i>).
[<i>anglorum</i> , auct. (p. 377).] | N. Atlantic, S. to Brazil. |
| 10. <i>yelcouan</i> (<i>Acerbi</i>).
[<i>yelkouanus</i> , <i>Salvin</i> , Cat. p. 379.] | Mediterranean Sea,
N. to British Coasts. |
| 11. <i>opisthomelas</i> , <i>Coues.</i> (p. 380.) | Lower California. |
| 12. <i>auricularis</i> , <i>C. H. Towns.</i> (p. 380.) | Clarion Isl.,
W. Mexico. |

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|---|---|
| 13. <i>gavia</i> (<i>Forst.</i>). (p. 381.) | New Zealand,
Australia. |
| 14. <i>persicus</i> , <i>Hume</i> . (p. 381.) | Indian Ocean. |
| 15. <i>obscurus</i> (<i>Gm.</i>). (p. 382.) | Tropical and Sub-tropical
Oceans. |
| 16. <i>auduboni</i> , <i>Finsch</i> .
[<i>obscurus</i> , pt., <i>Salvin</i> , Cat. p. 382.] | Western Middle Atlantic
Ocean. |
| 17. <i>subalaris</i> , <i>Ridgw.</i> Proc. U.S. Nat. Mus. xix.
p. 650 (1897). | Galapagos Is. |
| 18. <i>assimilis</i> , <i>Gould</i> . (p. 384.) | Australian Seas.
Atlantic Ocean, N. to
Madeira,
British Is. (<i>occ.</i>). |
| 19. <i>elegans</i> , <i>Gigyl. & Salvad.</i> (p. 385.) | S. Atlantic Ocean. |
| 20. <i>carneipes</i> , <i>Gould</i> . (p. 385.) | Australia, New Zealand,
N. to Japan. |
| 21. <i>griseus</i> (<i>Gm.</i>). (p. 386.) | Atlantic and Pacific
Oceans.
S. to Australia and Str.
of Magellan. |
| 22. <i>fuliginosus</i> , <i>Strickl.</i> , P. Z. S. 1832, p. 129. | N. Atlantic Ocean |
| 23. <i>tenuirostris</i> (<i>Temm.</i>). (p. 388.) | Pacific Ocean.
New Zealand,
Australia. E. to Samoa.
N. to Japan. |
| 24. <i>nativitatis</i> , <i>Streets</i> . (p. 389.) | Christmas Isl.,
Pacific Ocean, to
Krusenstern Is. and
Phœnix group. |
| 25. <i>cypermani</i> , <i>Shufeldt</i> , Proc. Philad. Acad. 1896,
p. 511 (1896). | Favolara Isl., N. of
Sardinia. |
| 26. <i>couradi</i> , <i>Marsh</i> , Am. Journ. Sci. xlix. p. 212
(1870). | Maryland (Miocene). |
| 27. <i>munda</i> , <i>Kuhl</i> ; Bp. Consp. ii. p. 205. | Pacific Ocean. |
| 28. ? <i>bicolor</i> , <i>Tschudi</i> . (p. 455.) | Pacific Ocean. |

II. PRIOFINUS, *Hombr. & Jacq.*

(*Salvin*, Cat. B. xxv. p. 390, 1896.)

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|--|------------------|
| 1. <i>cinereus</i> (<i>Gm.</i>). (p. 390.)
[? <i>gelida</i> , <i>Gm.</i> (p. 455.)] | Southern Oceans. |
|--|------------------|

III. THALASSŒCA, *Reichenb.*

(Salvin, Cat. B. xxv. p. 392, 1896.)

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|--|-------------------------------------|
| 1. antarctica (<i>Gm.</i>) (p. 392.) | Antarctic Seas,
N. to Cape Horn. |
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IV. PRIOCELLA, *Hombr. & Jacq.*

(Salvin, t. c. p. 393.)

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|--|---|
| 1. glacialoides, <i>Smith.</i> (p. 393.) | Southern Oceans,
N. in Pacific to
Washington State. |
|--|---|

V. MAJAJUEUS, *Reichenb.*

(Salvin, t. c. p. 395.)

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|--|--|
| 1. æquinotialis (<i>Linn.</i>) (p. 395.) | Southern Oceans, N. to
S. lat. 30°. |
| 2. parkinsoni (<i>Gray.</i>) (p. 397.) | New Zealand. |

VI. ŒSTRELATA, *Bp.*

(Salvin, t. c. p. 397.)

- | | |
|---|---|
| 1. macroptera (<i>Smith.</i>) (p. 399.) | Southern Oceans. |
| 2. aterrima (<i>Bp.</i>) (p. 401.) | Mascarene Is. |
| 3. lessoni (<i>Garn.</i>) (p. 401.) | S. Indian Ocean,
Australin,
New Zealand. |
| 4. hæsitata (<i>Kuhl.</i>) (p. 402.) | W. Indies
(Haiti & Martinique).
N. Atlantic Ocean (<i>occ.</i>) |
| 5. jamaicensis (<i>Bancr.</i>) (p. 403.) | Jamaica. |
| 6. rostrata (<i>Peale.</i>) (p. 404.) | Central Pacific Is. |
| 7. parvirostris (<i>Peale.</i>) (p. 405.) | Central Pacific Is. |
| 8. incerta (<i>Schl.</i>) (p. 405.) | S. Atlantic Ocean
(Cape Seas). |
| 9. mollis (<i>Gould.</i>) (p. 406.) | Southern Oceans,
N. to Madeira. |
| 10. magentæ, (<i>Gigl. & Salvad.</i>) (p. 407.) | S. Pacific Ocean. |

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|--|---|
| 11. <i>phæopygia</i> (<i>Salvin.</i>). (p. 407.) | Galapagos Archipelago
to Hawaiian Is. |
| 12. <i>brevipes</i> (<i>Peale</i>). (p. 408.) | Pacific Ocean to Antarctica.
[Europe (<i>acc.</i> .)] |
| 13. <i>hypoleuca</i> , <i>Salvin.</i> (p. 409.)* | N. Pacific Ocean (Bonin
& Krusenstern Is.). |
| 14. <i>nigripennis</i> , <i>Rothsch.</i> (p. 409.) | S. Pacific Ocean
(Kermadec Is.). |
| 15. <i>brevirostris</i> (<i>Less.</i>). (p. 409.) | S. Atlantic & S. Indian
Oceans. |
| 16. <i>solanderi</i> (<i>Gould</i>). (p. 410.) | Australia. |
| 17. <i>externa</i> , <i>Salvin.</i> (p. 411.) | Juan Fernandez Is.
(Masafuera Isl.). |
| 18. <i>cervicalis</i> , <i>Salvin.</i> (p. 411.) | S. Pacific Ocean
(Kermadec Is.). |
| 19. <i>neglecta</i> (<i>Schl.</i>). (p. 412.) | S. Pacific Ocean
(Kermadec Is.,
Juan Fernandez). |
| 20. <i>arminjoniana</i> , <i>Gigl. & Salvad.</i> (p. 413.) | S. Atlantic Ocean
(Trinidad Isl.). |
| 21. <i>trinitatis</i> , <i>Gigl. & Salvad.</i> (p. 413.) | S. Atlantic Ocean
(Trinidad Isl.). |
| 22. <i>heraldica</i> , <i>Salvin.</i> (p. 414.) | N. Pacific Ocean
(Chesterfield Isl.). |
| 23. <i>gularis</i> (<i>Peale</i>). (p. 414.) | Antarctic Ocean.
New Zealand. |
| 24. <i>fisheri</i> , <i>Ridgw.</i> (p. 415.) | N. Pacific Ocean
(Alaska). |
| 25. <i>scalaris</i> , <i>Brewst.</i> (p. 416.) | Patr. ign.
[New York (<i>acc.</i> .)] |
| 26. <i>leucoptera</i> (<i>Gould</i>). (p. 416.) | E. Australia. |
| 27. <i>defilippiana</i> , <i>Gigl. & Salvad.</i> (p. 417.) | Pacific Ocean (Chile). |
| 28. <i>cooki</i> (<i>Gray</i>). (p. 417.) | New Zealand. |
| 29. <i>longirostris</i> , <i>Stejn.</i> (p. 418.) | Japan. |
| 30. <i>axillaris</i> , <i>Salvin.</i> (p. 418.) | Chatham Is. |
| 31. ? <i>melanopus</i> , <i>Gm.</i> (p. 455.) | N. America. |

VII. PAGODROMA, *Bp.*

(Salvin, Cat. B. xxv. p. 419, 1896.)

- | | |
|---|-----------------|
| 1. <i>nivea</i> (<i>Gm.</i>). (p. 419.) | Antarctic Seas. |
|---|-----------------|

VIII. BULWERIA, *Bp.*

(Salvin, *t. c.* p. 420.)

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|---|--|
| 1. <i>bulweri</i> (<i>J. & S.</i>). (p. 420.) | Temperate N. Atlantic
& Pacific Oceans. |
| 2. <i>macgillivrayi</i> (<i>Gray</i>). (p. 421.) | C. Pacific Ocean
(Fiji Is.). |

Sub-Family II. *FULMARINÆ.*

(Salvin, Cat. B. xxv. p. 422, 1896.)

IX. OSSIFRAGA, *Hombr. & Jacq.*

(Salvin, *t. c.* p. 422.)

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|--|--|
| 1. <i>gigantea</i> (<i>Gm.</i>). (p. 422.) | Southern Oceans,
N. to S. lat. 30°. |
|--|--|

X. FULMAREUS, *Steph.*

(Salvin, *t. c.* p. 424.)

- | | |
|---|--------------------|
| 1. <i>glacialis</i> (<i>Linn.</i>). (p. 425.) | N. Atlantic Ocean. |
| 2. <i>columba</i> , <i>Anthony</i> , Auk, xii. p. 105 (1895). | California. |
| 3. <i>glupischa</i> , <i>Stejn.</i> (p. 427.) | N. Pacific Ocean. |
| 4. <i>rodgersi</i> , <i>Cassin.</i> (p. 427.) | N. Pacific Ocean. |

XI. DAPTION, *Steph.*

(Salvin, *t. c.* p. 428.)

- | | |
|--|------------------|
| 1. <i>capensis</i> (<i>Linn.</i>). (p. 428.) | Southern Oceans. |
|--|------------------|

XII. HALOBÆNA, *Is. Geoffr.*

(Salvin, *t. c.* p. 431.)

- | | |
|---|------------------|
| 1. <i>cærulea</i> (<i>Gm.</i>). (p. 431.) | Southern Oceans. |
|---|------------------|

XIII. PRION, Lacép.

(Salvin, Cat. B. xxv, p. 432, 1896.)

- | | |
|--------------------------------------|-------------------------------------|
| 1. <i>vittatus</i> (Gm.). (p. 432.) | Southern Oceans. |
| 2. <i>banksi</i> , Gould. (p. 434.) | Southern Oceans. |
| 3. <i>desolatus</i> (Gm.). (p. 434.) | Southern Oceans.
Antarctic Seas. |
| 4. <i>ariel</i> , Gould. (p. 436.) | Southern Oceans.
N. to Madeira. |

Family III. PELECANOIDIDÆ.

! (Salvin, Cat. B. xxv. p. 437, 1896.)

I. PELECANOIDES, Lacép.(Salvin, *t. c.* p. 437.)

- | | |
|--------------------------------------|---|
| 1. <i>urinatrix</i> (Gm.). (p. 437.) | Australia,
New Zealand,
Falkland Is.,
Cape Horn. |
| 2. <i>exsul</i> , Salvin. (p. 438.) | S. Indian Ocean
(Crozet Is. to
Kerguelen Isl.). |
| 3. <i>garnoti</i> (Less.). (p. 439.) | S. Pacific Ocean
(Peru to Chile). |

Family IV. DIOMEDEIDÆ.

(Salvin, Cat. B. xxv. p. 440, 1896.)

I. DIOMEDEA, Linn.*(Salvin, *t. c.* p. 440.)

- | | |
|---|---|
| 1. <i>exulans</i> , Linn. (p. 441.) | Southern Oceans. |
| 2. <i>regia</i> , Buller. (p. 443.) | New Zealand. |
| 3. <i>chionoptera</i> , Salvin. (p. 443.) | S. Indian Ocean
(Marion Is.,
Kerguelen Isl.). |
| 4. <i>albatrus</i> , Poll. (p. 444.) | N. Pacific Ocean. |

* ? *Diomedea gibbosa*, Gould, Ann. & Mag. N. II. xiii. p. 361 (1844) (Cat. p. 455).
? *D. leptorhyncha*, Coues, Proc. Philad. Acad. 1866, p. 178 (Cat. p. 455).

5. *irrorata*, *Salvin.* (p. 445.) Galapagos Is.,
Peru.
6. *nigripes*, *Audub.* (p. 445.) N. Pacific Ocean.
7. *immutabilis*, *Rothsch.* (p. 446.) Pacific Ocean
(Laysan Isl.).
Lower California.
8. *melanophrys*, *Temm.* (p. 447.) Southern Oceans to
N. Atlantic.
9. *bulleri*, *Rothsch.* (p. 448.) New Zealand.
10. *platei*, *Reichen.*, J. f. O. 1893, p. 119. Coast of Chile.
11. *anglica*, *Lydekker*, Cat. Foss. B. p. 189 (1891). England (Upper
Pliocene).

II. THALASSOGERON, *Ridgw.*

(*Salvin*, Cat. B. xxv. p. 449, 1896.)

1. *cautus* (*Gould*). (p. 449.) Tasmania.
2. *salvini*, *Rothsch.* (p. 450.) New Zealand.
3. *layardi*, *Salvin.* (p. 450.) Cape Seas.
4. *culminatus* (*Gould*). (p. 451.) Southern Oceans to
Pacific coast of
C. America.
5. *eximius*, *Ferrill.* (p. 449, note.) S. Atlantic Ocean
(Gough Isl.).
6. *chlororhynchus* (*Gm.*). (p. 451.) Southern Oceans.

III. PHCEBETRIA, *Reichenb.*

(*Salvin*, t. c. p. 453.)

1. *fuliginosa* (*Gm.*). (p. 453.) Southern Oceans.

IV. *Plotornis*, *Milne-Edw.*

(*Milne-Edw.*, Bibl. Haut-Études, xi. art. v., 1874.)

1. *Delforritii*, *Milne-Edw. l. c.* France (Miocene).

INCERTÆ SEDIS.

Dydornis, *Milne-Edw.*

(*Lydekker*, Cat. Foss. B. p. 190, 1891.)

1. *natator*, *Milne-Edw.* (L., p. 191.) France (Lower Miocene).

Order XIII. ALCIFORMES.

(Sharpe, Classif. B. p. 72, 1891.)

Family I. **ALCIDÆ.**

(Ogilvie Grant, Cat. B. xxvi. p. 560, 1898.)

Sub-Family I. **ALCINÆ.**

(Ogilvie Grant, t. c. p. 562.)

I. **Plautus**, *Brünn.*

(Ogilvie Grant, t. c. p. 562.)

1. *impennis* (*Linn.*). (p. 563.)N. Atlantic S. of
Arctic Circle (*extinct*).II. **ALCA**, *Linn.*

(Ogilvie Grant, t. c. p. 564.)

1. *torda*, *Linn.* (p. 565.)N. Atlantic Ocean,
S. to New England
(*winter*).
Mediterranean Sea,
Canary Is. (*winter*).III. **ALLE**, *Link.*

(Ogilvie Grant, t. c. p. 569.)

1. *alle* (*Linn.*). (p. 569.)Arctic Seas,
S. to Atlantic & Azores
(*winter*).IV. **URIA**, *Briss.*

(Ogilvie Grant, t. c. p. 572.)

1. *troile* (*Linn.*). (p. 573.)N. Atlantic Ocean.
Mediterranean Sea
(*winter*).2. *californica*, *Bryant.*[*troile*, pt., Grant, t. c. p. 573.]N. Pacific Ocean.
California (*winter*).3. *lachrymans*, *Valenc.*[*ringvia*, Brünn. (p. 575.)]

N. Atlantic.

4. *lomvia* (*Pall.*). (p. 577.)Arctic Seas.
N. Atlantic Ocean.

5. **arra** (*Pall.*).
[*lomvia*, pt., Ogilvie Grant, Cat. p. 577.] N. Pacific Ocean.
6. **antiqua** (*Marsh*, Amer. Journ. Sci. xlix. p. 213, 1870). N. Carolina (Miocene).
7. **affinis** (*Marsh*, l. c. lv. p. 259, 1872). Maine (Post-Pliocene).
8. **ausonia**. *Portis*, Orn. Vald. p. 15 (1891). Italy (Pliocene).

V. **CEPPHUS**, *Pall.*

(*Uria*, pt., Ogilvie Grant, Cat. B. xxvi. p. 572, 1898.)

1. **grylle** (*Linn.*). (p. 580.) N. Atlantic.
Massachusetts (*winter*).
W. Europe (*winter*).
2. **mandti** (*Liebt.*). (p. 584.) Arctic Regions
(Spitsbergen, Greenland,
Alaska, Kamtchatka, etc.).

VI. **PSEUDURIA**, gen. n.*

1. **columba** (*Pall.*). (p. 586.) N. Pacific Ocean.
2. **snowi** (*Stejn.*). (p. 588.) Kurile Is. to Japan &
S. Kamtchatka.
3. **carbo** (*Pall.*). (p. 588.) N. Pacific Ocean.

VII. **BRACHYRHAMPHUS**, *Brandt.*

(Ogilvie Grant, t. c. p. 590.)

1. **marmoratus** (*Gm.*). (p. 590.) E. Pacific Ocean
(California to Alaska).
2. **perdix** (*Pall.*). (p. 592.) N. Pacific Ocean.
3. **brevirostris** (*I'ig.*). (p. 593.) N. Pacific Ocean.

VIII. **MICRURIA**, *Ogilvie Grant.*

(Ogilvie Grant, t. c. p. 594.)

1. **hypoleuca** (*Xantus*). (p. 594.) Lower California.
2. **craveri** (*Salvad.*). (p. 595.) Lower California.

* *Pseuduria* (*Uria*, pt., *Cepphus*, pt., auct.).—Rectricibus 14, ptilosi hiemali cespiciene diversa distinguenda. (Cf. Ogilvie Grant, Cat. B. xxvi. p. 572.)

IX. **SYNTHLIBORHAMPHUS**, *Brandt*.

(Ogilvie Grant, Cat. B. xxvi. p. 595, 1898.)

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|--|-------------------|
| 1. antiquus (<i>Gm.</i>). (p. 596.) | N. Pacific Ocean. |
| 2. wumizusume (<i>Temm.</i>). (p. 598.) | Japan. |

Sub-Family II. *FRATERCULINÆ*.

(Ogilvie Grant, Cat. B. xxvi. p. 599, 1898.)

X. **PTYCHORHAMPHUS**, *Brandt*.(Ogilvie Grant, *t. c.* p. 599.)

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|---|--|
| 1. aleuticus (<i>Pall.</i>). (p. 599.) | E. Pacific Ocean
(Aleutian Is. to Lower
California). |
|---|--|

XI. **SIMORHYNCHUS**, *Merrem*.(Ogilvie Grant, *t. c.* p. 600.)

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|--|--|
| 1. cristatellus (<i>Pall.</i>). (p. 601.) | N. Pacific Ocean
(Alaska, Kamtchatka, etc.). |
| 2. pygmæus (<i>Gm.</i>). (p. 603.) | N. Pacific Ocean
(Alaska to Kamtchatka,
etc.). |
| 3. pusillus (<i>Pall.</i>). (p. 605.) | N. Pacific Ocean
(Alaska to Kamtchatka,
etc.). |

XII. **PHALERIS**, *Temm.*(Ogilvie Grant, *t. c.* p. 607.)

- | | |
|---|---|
| 1. psittaculus (<i>Pall.</i>). | N. Pacific Ocean
(Kurile Is. to Alaska). |
|---|---|

XIII. **CERATORHYNCHA**, *Bp.*(Ogilvie Grant, *t. c.* p. 609.)

- | | |
|--|--|
| 1. monocerata (<i>Pall.</i>). (p. 609.) | N. Pacific Ocean.
(Kamtchatka to Alaska.
Lower California
(<i>winter.</i>). |
|--|--|

XIV. **LUNDA**, *Pall.*

(Ogilvie Grant, Cat. B. xxvi. p. 611, 1898.)

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|---|--|
| 1. <i>cirrhat</i> (<i>Pall.</i>). (p. 612.) | N. Pacific Ocean.
(Kamtschatka to Alaska.
Lower California
(winter), Greenland to
Maine (winter).) |
|---|--|

XV. **FRATERCULA**, *Briss.*

(Ogilvie Grant, t. c. p. 615.)

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|--|---|
| 1. <i>arctica</i> (<i>Linn.</i>). (p. 616.) | N. Atlantic Ocean
(N.E. America,
N.W. Europe).
Portugal, Canary Is.
(winter). |
| 2. <i>glacialis</i> , <i>Leach.</i>
[<i>arctica</i> , pt., Grant, t. c. p. 616.] | Arctic Ocean. |
| 3. <i>corniculata</i> (<i>Naum.</i>). (p. 620.) | N. Pacific. |

Order XIV. LARIFORMES.

(Sharpe, Classif. B. p. 72, 1891.)

Family I. **LARIDÆ.**

(Saunders, Cat. B. xxv. p. 3, 1896.)

Sub-Family I. *STERNINÆ.*

(Saunders, t. c. p. 4.)

1. **HYDROCHELIDON**, *Boie.*

(Saunders, t. c. p. 5.)

- | | |
|---|--|
| 1. <i>leucoptera</i> (<i>Meism. & Schinz.</i>). (p. 6.) | C. & S. Europe to
C. Asia & China.
Australia, New Zealand,
Africa (winter). |
| 2. <i>hybrida</i> (<i>Pall.</i>). (p. 10.) | S.W., C., & S. Europe to
China.
Malay Archipelago.
Australia. Africa. |
| 3. <i>nigra</i> (<i>Linn.</i>). (p. 17.) | Europe. C. Asia.
Africa (winter). |

4. *surinamensis* (*Gm.*). (p. 20.)
Temperate N. America.
C. & S. America (*winter*).

II. PHAETHUSA, *Wagler*.

(Saunders, Cat. B. xxv. p. 23, 1896.)

1. *magnirostris* (*Licht.*). (p. 23.)
S. America.

III. GELOCHELIDON, *Brehm*.

(Saunders, *t. c.* p. 25.)

1. *anglica* (*Mont.*). (p. 25.)
Temperate Europe &
Asia. Australia.
N. & C. America.

IV. HYDROPROGNE, *Kaup*.

(Saunders, *t. c.* p. 32.)

1. *caspia* (*Pall.*). (p. 32.)
Temperate Europe &
Asia. N. & C. America.
Africa. Malayasia.
Australia.
New Zealand.

V. SEENA, *Blyth*.

(Saunders, *t. c.* p. 37.)

1. *seena* (*Sykes*).
[*aurantia*, Saunders, Cat. B. p. 37.]
Indian Peninsula,
Burmese Provinces,
Malay Peninsula.

VI. STERNA, *Linn.*

(Saunders, *t. c.* p. 40.)

1. *melanogaster*, *Temm.* (p. 43.)
Indian Peninsula,
Burmese Provinces,
Cochin China.
2. *forsteri*, *Nutt.* (p. 46.)
N. America.
C. America (*winter*).
3. *albistriata* (*Gray*). (p. 48.)
New Zealand,
Norfolk Island.
4. *virgata*, *Cab.* (p. 50.)
Kerguelen Isl.,
Crozet Is.
5. *vittata*, *Gm.* (p. 51.)
Is. of Southern Atlantic
Ocean.
6. *hirundinacea*, *Less.* (p. 52.)
S. America.

7. *fluviatilis*, *Naum.* (p. 54.)
Countries on both sides
of Atlantic Ocean.
Indian and African coasts
(*winter*).
Brazilian coasts (*winter*).
8. *tibetana*, *Saunders.* (p. 58, pt.)
C. Asia to Manchuria.
Malay Peninsula
(*winter*).
9. *macrura*, *Naum.* (p. 62.)
Arctic Regions.
Temperate Europe &
N. America.
Africa & S. America
(*winter*).
10. *longipennis*, *Nordm.* (p. 67.)
E. Siberia, Kamtchatka,
Japan.
China, S. to New Guinea
(*winter*).
11. *albigena*, *Licht.* (p. 69.)
Red Sea, Mekran Coast,
Laccadives, Malabar.
12. *dougalli*, *Mont.* (p. 70.)
Coasts and Islands of
W. Europe, Africa,
Asia, Australia.
E. N. America,
West Indies.
13. *gracilis*, *Gould.*
[*Cf.* Reichenow, Orn. MB. iv. p. 113 (1896).]
Australia.
14. *cantiaca*, *Gm.* (p. 75.)
W. & C. Europe.
Africa, N.W. India,
E. N. America, &
O. America (*winter*).
15. *maxima*, *Bodd.* (p. 80.)
N. America.
W. Indies.
Brazil (*winter*).
W. Africa (*winter*).
16. *elegans*, *Gambel.* (p. 84.)
S. California to Chile.
S. Texas (*Mus. Brit.*).
17. *eurygnatha*, *Saunders.* (p. 85.)
S. America
(Venezuela to Patagonia).
18. *media*, *Horsf.* (p. 86.)
Mediterranean countries.
African & Indian Seas to
Celebes & Australia.

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|---|---|
| 19. <i>bergii</i> , <i>Licht.</i> (p. 89.) | Red Sea.
African & Indian Oceans
to China, Japan,
Australia, and the
Pacific Islands. |
| 20. <i>bernsteini</i> , <i>Schl.</i> (p. 96.) | Mascarene Is.
Moluccas (Halmahéra). |
| 21. <i>frontalis</i> , <i>Gray.</i> (p. 97.) | New Zealand,
Australia. |
| 22. <i>aleutica</i> , <i>Baird.</i> (p. 98.) | Alaska.
Bering Sea to Japan. |
| 23. <i>lunata</i> , <i>Peale.</i> (p. 100.) | Pacific Is. to
Moluccas. |
| 24. <i>anæsthesia</i> , <i>Scop.</i> (p. 101.) | W. Indies.
Gulf of Mexico.
African and Indian Seas
to China, Japan,
Moluccas, N. Australia,
& Pacific Is. |
| 25. <i>fuliginosa</i> , <i>Gm.</i> (p. 106.) | Tropical and Juxta-
tropical Seas of the
world. |
| 26. <i>crissalis</i> , <i>Baird.</i>
[<i>fuliginosa</i> , pt., Saunders, Cat. B. p. 109.] | E. Pacific. |
| 27. <i>balænarum</i> (<i>Strickl.</i>) (p. 111.) | S. African Seas. |
| 28. <i>nereis</i> (<i>Gould.</i>) (p. 112.) | Australia,
New Zealand. |
| 29. <i>sinensis</i> , <i>Gm.</i> (p. 113.) | Chinese and Indian Seas
to Australia. |
| 30. <i>minuta</i> , <i>Linn.</i> (p. 116.) | Europe.
Mediterranean countries.
C. Asia.
N. Indian Peninsula.
S. Africa (<i>winter</i>).
Burma, Java (<i>winter</i>). |
| 31. <i>saundersi</i> , <i>Hume.</i> (p. 120.) | Red Sea. E. Africa.
Mascarene Is. to India,
Ceyloun, Burma. |

32. *antillarum* (*Less.*). (p. 122.) Temperate and Tropical
N. America to C.
America.
West Indies.
W. Africa.
33. *australis*, *Licht.*
[*Cf.* Reichenow, Orn. MB. iv. p. 113, 1896.]
[*antillarum*, pt., Saunders, Cat. B. p. 122.] S. Africa.
34. *superciliaris*, *F.* (p. 124.) S. America.
35. *lorata*, *Phil. & Landb.* (p. 126.) Coasts of W. S. America.
36. *melanauchen*, *Temm.* (p. 126.) N. Mascarene Is.,
Nicobars, Andamans,
Tenasserim,
Malay Peninsula,
N. Australia,
Pacific Is. to Liu-Kiu Is.
37. *trudeaui*, *Audub.* (p. 130.) S. America.

VII. *NÆNIA*, *Boie.*

(Saunders, Cat. B. xxv. p. 132, 1896.)

1. *inca* (*Less.*). (p. 132.) Coasts of Chile &
Peru.

VIII. *PROCELSTERNA*, *Lafr.*

(Saunders, t. c. p. 133.)

1. *cærulea* (*F. D. Bennett*). (p. 133.) Central Polynesia.
2. *cinerea* (*Gould*). (p. 135.) Australia. New Zealand.
San Ambrosio Isl.,
W. S. America.

IX. *ANOUS*, *Steph.*

(Saunders, t. c. p. 136.)

1. *stolidus* (*Linn.*). (p. 136.) Tropical and Juxta-
tropical Seas of the
world.
2. *ridgwayi*, *Anthony*, Auk, xv. p. 36 (1898). Socorro Isl.,
W. Mexico.
3. *galapagensis*, *Sharpe*. (p. 143.) Galapagos Is.

X. MICRANOUS, *Saunders*.

(Saunders, Cat. B. xxv. p. 143, 1896.)

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|---|---|
| 1. <i>tenuirostris</i> (<i>Temm.</i>). (p. 144.) | Mascarene Is. to
Torres Straits and
Australia. |
| 2. <i>leucocapillus</i> (<i>Gould</i>). (p. 144.) | Caribbean Sea.
E. America.
S. African & Indian
Oceans to N. Australia
and the Society Is. |
| 3. <i>hawaiiensis</i> , <i>Rothsch.</i> (p. 148.) | Hawaiian Archipelago. |

XI. GYGIS, *Wagler*.

(Saunders, t. c. p. 149.)

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|--|---|
| 1. <i>alba</i> , <i>Sparrm.</i>
[<i>candida</i> (Gm.), Saunders, Cat. B. p. 149.]
[<i>Cf.</i> Hartert, Nov. Zool. v. p. 67, 1898.] | Is. of South Atlantic &
Indian Oceans to
Australia and the
Pacific Is. |
| 2. <i>kittlitzii</i> , <i>Hartert</i> .
[<i>candida</i> , pt., Saunders, Cat. B. p. 149.] | N. Pacific. |
| 3. <i>microrhyncha</i> , <i>Saunders</i> . (p. 152.) | Marquesas Is. |

Sub-Family II. RHYNCHOPINÆ.

XII. RHYNCHOPS, *Linn.*

(Saunders, t. c. p. 152.)

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|---|--|
| 1. <i>nigra</i> , <i>Linn.</i> (p. 153.) | N. & C. America.
W. Indies. |
| 2. <i>intercedens</i> , <i>Saunders</i> . (p. 155.) | E. S. America. |
| 3. <i>melanura</i> , <i>Swains.</i> (p. 156.) | S. America to
C. America (Yucatan). |
| 4. <i>flavirostris</i> , <i>V.</i> (p. 158.) | Africa, N. to Red Sea
and Egypt. |
| 5. <i>albicollis</i> , <i>Swains.</i> (p. 159.) | Indian Peninsula,
Ceylon, Burma. |

XIII. *Pseudosterna*, *Mercerat*.

(An. Soc. Argent. xliii. p. 237, 1897.)

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|---|----------------------|
| 1. <i>degener</i> , <i>Mercerat</i> , <i>l. c.</i> | Patagonia (Miocene). |
| 2. <i>pamprana</i> , <i>Mercerat</i> , <i>l. c.</i> p. 238. | Patagonia (Miocene). |

Sub-Family III. *LARINÆ*.

(Saunders, Cat. B. xxv. p. 161, 1896.)

XIV. *XEMA*, *Leach*.

(Saunders, *t. c.* p. 161.)

- | | |
|---|--|
| 1. <i>sabinii</i> (<i>J. Sabine</i>). (p. 162.) | Arctic America and
E. Siberia,
S. to Atlantic & Peru
(<i>winter</i>). |
|---|--|

XV. *CREAGRUS*, *Bp.*

(*Xema*, pt., Saunders, *t. c.* p. 161.)

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|---|------------------------|
| 2. <i>furcatus</i> (<i>Neboux</i>). (p. 165.) | Galapagos Is. to Peru. |
|---|------------------------|

XVI. *RHODOSTETHIA*, *Macgill*.

(Saunders, *t. c.* p. 167.)

- | | |
|---|-----------------|
| 1. <i>rosea</i> (<i>Macgill</i>). (p. 167.) | Arctic Regions. |
|---|-----------------|

XVII. *LARUS*, *Linn.*

(Saunders, *t. c.* p. 169.)

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|---|--|
| 1. <i>minutus</i> , <i>Pall.</i> (p. 173.) | Sub-arctic & Temperate
Europe & Asia.
Mediterranean Sea
(<i>winter</i>). |
| 2. <i>ichthyaëtus</i> , <i>Pall.</i> (p. 176.) | S.E. Europe,
E. Mediterranean.
Central Asia to Koko-nor.
Indian Peninsula(<i>winter</i>). |
| 3. <i>melanocephalus</i> , <i>Natt.</i> (p. 180.) | Mediterranean Sea.
Coasts of W. Europe (<i>occ.</i>). |
| 4. <i>saundersi</i> (<i>Swinh.</i>). (p. 184.) | N.E. Asia (Corea,
N. China, Mongolia,
Japan). |
| 5. <i>philadelphia</i> (<i>Ord</i>). (p. 185.) | N. America. |

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|--|--|
| 6. <i>serranus</i> , <i>Tschudi</i> . (p. 188.) | W. S. America. |
| 7. <i>franklini</i> , <i>Swains. & Rich.</i> (p. 191.) | N. & C. America.
W. S. America (<i>winter</i>). |
| 8. <i>atricilla</i> , <i>Linn.</i> (p. 194.) | N. America.
W. Indies.
C. & S. American coasts
(<i>winter</i>). |
| 9. <i>cirrhocephalus</i> (<i>L.</i>). (p. 198.) | S. America.
Africa. |
| 10. <i>maculipennis</i> , <i>Licht.</i> (p. 200.) | S. America. |
| 11. <i>glaucodes</i> , <i>Meyen.</i> (p. 203.) | Southern S. America. |
| 12. <i>ridibundus</i> , <i>Linn.</i> (p. 207.) | Europe & N. Asia.
Africa, Indian Ocean,
China to Malay
Archipelago (<i>winter</i>). |
| 13. <i>brunneicephalus</i> , <i>Jerd.</i> (p. 215.) | C. Asian Highlands.
Indian Peninsula (<i>winter</i>). |
| 14. <i>leucophthalmus</i> , <i>Temm.</i> (p. 219.) | S.E. Europe.
Red Sea. |
| 15. <i>hemprichi</i> (<i>Bruch</i>). (p. 221.) | Red Sea.
E. Africa.
Shores of Indian Ocean. |
| 16. <i>fuliginosus</i> , <i>Gould.</i> (p. 222.) | Galapagos Archipelago. |
| 17. <i>modestus</i> , <i>Tschudi.</i> (p. 222.) | Pacific coast of America. |
| 18. <i>heermanni</i> , <i>Cass.</i> (p. 225.) | Pacific coast of
N. America.
Guatemala (<i>winter</i>). |
| 19. <i>belcheri</i> , <i>Fig.</i> (p. 226.) | Pacific coast of America. |
| 20. <i>crassirostris</i> , <i>V.</i> (p. 227.) | Seas of China & Japan. |
| 21. <i>gelastes</i> , <i>Thienem.</i> (p. 230.) | Mediterranean, Black, &
Caspian Seas. Red Sea.
N. Indian Ocean. |
| 22. <i>bulleri</i> , <i>Hutton.</i> (p. 233.) | New Zealand. |

23. *novæ-hollandiæ*, *Steph.* (p. 235.)
Australia,
Tasmania,
New Caledonia.
24. *scopulinus*, *Gray.* (p. 238.)
New Zealand,
Chatham Is.,
Auckland Is.
25. *hartlaubi* (*Bruch.*) (p. 240.)
S. Africa,
Madagascar.
26. *marinus*, *Linn.* (p. 241.)
N. Europe.
Iceland, Greenland,
N. America.
Canaries & Mediterranean
Sea (*winter*). Florida
(*winter*).
27. *dominicanus*, *Licht.* (p. 245.)
S. Africa. S. America.
Kerguelen Is.
New Zealand.
28. *fuscus*, *Linn.* (p. 250.)
W. Europe to R. Dwina.
Canaries, W. Africa,
Red Sea (*winter*).
29. *affinis*, *Reinh.* (p. 254.)
Rivers of North Russia &
Siberia to the Yenesei.
Indian Ocean (*winter*).
30. *occidentalis*, *Audub.* (p. 257.)
Pacific coast of
N. America.
31. *schistisagus*, *Stejn.* (p. 258.)
Kurile Is., Bering Sea.
Japan (*winter*).
32. *argentatus*, *Gm.* (p. 260.)
N. Europe.
N.E. America.
S. Europe (*winter*).
33. *smithsonianus*, *Coues.*
[*argentatus*, pt., Saunders, *t. c.* p. 260.]
Southern U S. to Lower
California & Gulf of
Mexico (*winter*).
34. *cachinnans*, *Pall.* (p. 266.)
S. Europe. Black Sea, E.
to Lake Baikal.
N.W. India to Bombay,
Red Sea, W. Africa
(*winter*).
35. *vegæ*, *Palmén.* (p. 270.)
Arctic Siberia & Bering
Sea.
Chinese coasts (*winter*).

36. *audouini*, *Payr.* (p. 271.) W. Mediterranean.
37. *delawarensis*, *Ord.* (p. 273.) N. America.
W. Indies (*winter*).
Lower California (*winter*).
38. *californicus*, *Laur.* (p. 276.) W. N. America.
W. Mexico (*winter*).
39. *canus*, *Linn.* (p. 277.) N. Europe & Asia.
Mediterranean Sea,
Persian Gulf, &
Chinese Seas (*winter*).
40. *brachyrhynchus*, *Richardson.* (p. 283.) Arctic & Sub-arctic
America.
Western N. America
(*winter*).
41. *glaucescens*, *Naum.* (p. 284.) N. Pacific coasts & Is. to
Vancouver.
Japan (*winter*).
S. California (*winter*).
42. *nelsoni*, *Henshaw.* (p. 287.) N.W. America,
Alaska.
43. *kumlieni*, *Brewst.* (p. 288.) Cumberland Sound,
Baffin Land.
Newfoundland (*winter*).
New York (*winter*).
44. *glaucus*, *Fabr.* (p. 289.) Arctic Regions.
Mediterranean & Caspian
Seas, Japan, California,
Florida (*winter*).
45. *leucopterus*, *Faber.* (p. 295.) Jan Mayen Isl.,
Greenland,
N.E. America.
Iceland & W. Europe
(*winter*).
46. *elegans*, *Milne-Edw.*
[*Lydekker*, Cat. Foss. B. p. 177.] France (Lower Miocene).
47. *sp.*, *Lydekker*, Cat. p. 179. Bavaria (Middle Miocene).
48. *totanoides*, *Milne-Edw.* (L., p. 180.) France (Lower Miocene).
49. *desnoyersi*, *Milne-Edw.* (L., p. 180.) France (Lower Miocene).
50. *robustus*, *Shufeldt*, J. Acad. Philad. xi. p. 398, Oregon (Pliocene).
1892.

51. *oregonus*, *Shufeldt, l. c.* Oregon (Pliocene).
 52. *racmonecki*, *Van Beneden*, Bull. Acad. Belg. xxxii. Belgium (Pliocene).
 p. 216 (1871).

XVIII. **GABIANUS**, *Bruch*.

(Saunders, Cat. B. xxv. p. 297, 1896.)

1. *pacificus* (*Lath.*). (p. 297.) Australia, Tasmania.

XIX. **LEUCOPHÆUS**, *Bruch*.

(Saunders, *t. c.* p. 299.)

1. *scoresbyi* (*Traill*). (p. 299.) Southern S. America.
 Falkland Is.

XX. **PAGOPHILA**, *Kaup*.

(Saunders, *t. c.* p. 301.)

1. *eburnea* (*Phipps*). (p. 301.) Circumpolar Regions.
 W. Europe &
 E. N. America (*winter*).

XXI. **RISSA**, *Stephens*.

(Saunders, *t. c.* p. 305.)

1. *rissa* (*Linn.*). (p. 305.) Circumpolar, Arctic, &
 [*tridactyla* (*Linn.*), Saunders, Cat. B. p. 305.] Sub-arctic Regions.
 N.W. Europe & N.E.
 America.
 Caspian & Mediterranean
 Seas (*winter*).
 N. American coasts
 (*winter*).
 2. *brevirostris* (*Bruch*). (p. 312.) Is. of Bering Sea.

Family II. **STERCORARIIDÆ**.

(Saunders, Cat. B. xxv. p. 314, 1896.)

I. **MEGALESTRIS**, *Bp.*

(Saunders, *t. c.* p. 314.)

1. *catarrhactes* (*Linn.*). (p. 315.) N.W. Europe.
 S. Greenland.
 N.W. America.
 N. Atlantic coasts
 (*winter*).

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|---|--|
| 2. <i>chilensis</i> (<i>Bp.</i>). (p. 318.) | Southern S. America to
S. Brazil & Peru. |
| 3. <i>antarctica</i> (<i>Less.</i>). (p. 319.) | Is. of S. Ocean.
Falkland Is. to Kerguelen
Isl. & New Zealand. |
| 4. <i>maccormicki</i> , <i>Saunders</i> . (p. 321.) | Antarctic Continent. |

II. *STERCORARIUS*, *Briss.*

(Saunders, Cat. B. xxv. p. 322, 1896.)

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|--|---|
| 1. <i>pomatorhinus</i> (<i>Temm.</i>). (p. 322.) | Arctic Regions.
Australian, African, &
S. American Seas
(<i>winter</i>). |
| 2. <i>crepidatus</i> (<i>Banks</i>). (p. 327.) | Circumpolar and Sub-
arctic Regions.
African, Indian, & Aus-
tralian Seas; S. Brazil
(<i>winter</i>). |
| 3. <i>parasiticus</i> (<i>Linn.</i>). (p. 334.) | Circumpolar Regions.
E. & W. Atlantic coasts;
Pacific coast of N.
America (<i>winter</i>). |

INCERTÆ SEDIS.

Harpornis, *Owen*.

(Lydekker, Cat. Foss. B. p. 181, 1891.)

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|--|-------------------------|
| 1. <i>tolapicus</i> , <i>König</i> . (L., p. 181.) | England (Lower Eocene). |
|--|-------------------------|

Order XV. CHARADRIIFORMES.

(Sharpe, Classif. B. p. 72, 1891.)

INCERTÆ SEDIS.

Dolichopterus, *Aymard*.

(Lydekker, Cat. Foss. B. p. 175, 1891.)

- | | |
|--|-------------------------|
| 1. <i>biator</i> , <i>Aymard</i> . (L., p. 175.) | France (Lower Miocene). |
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Sub-Order I. *CHIONIDES*.

(Sharpe, *Classif. B.* p. 72, 1891.)

Family I. *CHIONIDIDÆ*.

(Sharpe, *Cat. B.* xxiv. p. 710, 1896.)

I. *CHIONIS*, *Forster*.

(Sharpe, *t. c.* p. 710.)

1. *alba* (*Gm.*). (p. 710.)

Southern S. America.

II. *CHIONARCHUS*, *Kidder & Coues*.

(Sharpe, *t. c.* p. 711.)

1. *minor* (*Hartl.*). (p. 712.)

Kerguelen Isl.,
Marion Isl.,
Prince Edward Is.

2. *crozettensis*, *Sharpe*. (p. 713.)

Crozet Island.

Sub-Order II. *ATTAGIDES*.

(Sharpe, *Classif. B.* p. 72, 1891.)

Family I. *THINOCORYTHIDÆ*.

(Sharpe, *Cat. B.* xxiv. p. 714, 1896.)

I. *ATTAGIS*, *Less. & Is. Geoffr.*

(Sharpe, *t. c.* p. 714.)

1. *gayi*, *Less.* (p. 715.)

Chile, Peru.

2. *chimborazensis*, *Scl.* (p. 716.)

Ecuador.

3. *malouinus* (*Bodd.*). (p. 716.)

Str. of Magellan,
Falkland Is.

11. **THINOCORYS**, *Esch.*

(Sharpe, Cat. B. xxiv. p. 717, 1896.)

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|--|--|
| 1. orbignianus , <i>Geoffr. & Less.</i> (p. 718.) | Chile, Peru,
Bolivia. |
| 2. rumicivorus , <i>Esch.</i> (p. 719.) | Argentina,
Patagonia,
Chile, Peru,
Bolivia. |

INCERTÆ SEDIS.

Palaeotringa, *Marsh.*

(Marsh, Proc. Acad. Nat. Sci. Philad. 1870, p. 5.)

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|--|--------------------------|
| 1. littoralis , <i>Marsh, t. c.</i> p. 5. | N. America (Cretaceous). |
| 2. bagaus , <i>Marsh, Amer. Journ. Sci.</i> iii. p. 365 (1872). | N. America (Cretaceous). |
| 3. brutus , <i>Marsh, ut supra</i> , p. 5. | N. America (Cretaceous). |

Sub-Order III. **CHARADRII.**

(Sharpe, Classif. B. p. 73, 1891.)

Family I. **CHARADRIIDÆ.**

(Sharpe, Cat. B. xxiv. p. 90, 1896.)

Sub-Family I. **ARENARIINÆ.**(Sharpe, *t. c.* p. 91.)I. **ARENARIA**, *Briss.*(Sharpe, *t. c.* p. 91.)

- | | |
|---|---|
| 1. interpres (<i>Linn.</i>). (p. 92.) | Cosmopolitan, breeding in
high N. latitudes. |
| 2. melanocephala , <i>Vig.</i> (p. 103.) | W. North America,
Alaska,
California (<i>winter</i>). |

Sub-Family II. *HÆMATOPODINÆ*.

(Sharpe, Cat. B. xxiv. p. 105, 1896.)

II. *HÆMATOPUS*, *Linn.*

(Sharpe, *l. c.* p. 105.)

1. *ostralegus*, *Linn.* (p. 107.)
Europe.
C. Asia.
Mediterranean and Red Seas; E. Africa to Mozambique; Persian Gulf; Sind (*winter*).
E. Siberia, Kamtchatka.
China, Burma (*winter*).
2. *osculans*, *Swinh.* (p. 111.)
Australia, Tasmania,
New Zealand,
Chatham Is.,
New Guinea,
Molucca Is.
3. *longirostris*, *V.* (p. 112.)
New Zealand.
4. *finschi*, *Martens*, Orn. MB. v. p. 190 (1897).
Str. of Magellan,
Falkland Is.
5. *leucopus*, *Garn.* (p. 113.)
Atlantic Coast of
N. America.
S. America (*winter*).
6. *palliatu*s, *Temm.* (p. 114.)
Galapagos Archipelago.
7. *galapagensis*, *Ridgw.* (p. 116.)
S. California.
Chile (*winter*).
8. *frazari*, *Brewst.* (p. 117.)
Patagonia.
9. *durnfordi*, *Sharpe.* (p. 117.)
Australia,
New Zealand.
10. *unicolor*, *Wagler.* (p. 118.)
Africa,
Canaries,
Madeira.
11. *moquini*, *Bp.* (p. 119.)
N.W. America to
California.
12. *niger*, *Pall.* (p. 120.)
Southern S. America.
Falkland Is.
13. *ater* (*Less.*). (p. 121.)

Sub-Family III. *LOBIVANELLINÆ*.

(Sharpe, Cat. B. xxiv. p. 122, 1896.)

III. *OREOPHILUS*, *J. & S.*(Sharpe, *t. c.* p. 123.)1. *ruficollis* (*Wagl.*). (p. 123.)Patagonia,
Chile, Peru,
Falkland Is.IV. *ERYTHROGONYXS*, *Gould.*(Sharpe, *t. c.* p. 124.)1. *cinctus*, *Gould.* (p. 125.)

Australia.

V. *DEFILIPPIA*, *Salvad.*(Sharpe, *t. c.* p. 126.)1. *crassirostris* (*De Filippi*). (p. 126.)N.E. Africa.
E. Africa to Victoria
Nyanza & Witu.2. *leucoptera* (*Reichen.*). (p. 127.)S.E. Africa.
E. Africa to Pangani R.VI. *SARCIOPHORUS*, *Strickl.*(Sharpe, *t. c.* p. 128.)1. *tectus* (*Bodd.*). (p. 128.)Senegambia,
N.E. Africa.2. *latifrons*, *Reichen.* (p. 130.)E. Africa
(Somali-land to Teita).VII. *LOBIPLUVIA*, *Bp.*(Sharpe, *t. c.* p. 130.)1. *malabarica* (*Bodd.*). (p. 130.)Indian Peninsula,
N.W. Ceylon.

VIII. MICROSARCOPS, *Sharpe*.

(Sharpe, Cat. B. xxiv. p. 133, 1896.)

1. *cinereus* (*Blyth*). (p. 133.)

E. Siberia,
S. Japan,
N. China.
S. China, Indo-Burmese
countries, N.E. Bengal
(winter).

IX. HOPLOXYPTERUS, *Bp.*

(Sharpe, *t. c.* p. 135.)

1. *cayanus* (*Lath.*). (p. 135.)

S. America (Brit. Guiana
to S. Brazil).

X. PTILOSCELIS, *Bp.*

(Sharpe, *t. c.* p. 137.)

1. *resplendens* (*Tschudi*). (p. 137.)

Western S. America
(Ecuador to N. Chile).
Salta, Argent. Rep.

XI. LOBIVANELLUS, *Strickl.*

(Sharpe, *t. c.* p. 138.)

1. *lobatus* (*V.*). (p. 139.)

Australia.

2. *miles* (*Bodd.*). (p. 140.)

Australia,
New Guinea,
Aru Is., Molucca Is.

3. *senegalus* (*L.*). (p. 141.)

W. Africa.
N.E. Africa.

4. *lateralis* (*Smith*). (p. 144.)

S.E. & S.W. Africa.
E. Africa to Victoria
Nyanza & Albert
Edward Nyanza.

Sub-Family IV. *CHARADRIINÆ*.

(Sharpe, Cat. B. xxiv. p. 145, 1896.)

XII. *XIPHIDIPTERUS*, *Reichenb.*(Sharpe, *t. c.* p. 147.)

- 1.
- albiceps*
- (
- Gould*
-). (p. 147.)

W. Africa,
N.E. Africa.

- 2.
- cucullatus*
- (
- Temm.*
-). (p. 148.)

Greater Sunda Is.

XIII. *SARCOGRAMMUS*, *Reichenb.*(Sharpe, *t. c.* p. 148.)

- 1.
- indicus*
- (
- Bodd.*
-). (p. 152.)

Arabia, Persia,
Afghanistan,
Indian Peninsula,
Ceylon.

- 2.
- atrinuchalis*
- (
- Jerd.*
-). (p. 152.)

Indo-Chinese countries,
Malay Peninsula,
Sumatra.XIV. *TYLIBYX*, *Reichenb.*(Sharpe, *t. c.* p. 153.)

- 1.
- melanocephalus*
- (
- Rüpp.*
-). (p. 153.)

N.E. Africa.

XV. *ZONIFER*, *Sharpe.*(Sharpe, *t. c.* p. 154.)

- 1.
- tricolor*
- (
- V.*
-). (p. 154.)

Australia,
Tasmania.XVI. *ANOMALOPHRYS*, *Sharpe.*(Sharpe, *t. c.* p. 156.)

- 1.
- superciliosus*
- (
- Reichen.*
-). (p. 156.)

W. Africa (Togoland to
Congo).
Lake Tanganyika.XVII. *HOPLOPTERUS*, *Bp.*(Sharpe, *t. c.* p. 157.)

- 1.
- spinosus*
- (
- Linn.*
-). (p. 157.)

W. Africa.
E. & N.E. Africa to
Albert Edward Nyanza.
S.E. Europe.

2. *ventralis* (*Wagl.*). (p. 159.)

Indian Peninsula.
Indo-Chinese countries
to Hainan.

3. *speciosus* (*Wagl.*). (p. 161.)

S.E. Africa.
E. Africa.

XVIII. *BELONOPTERUS*, *Reichenb.*

(Sharpe, Cat. B. xxiv. p. 163, 1896.)

1. *cayennensis* (*Gm.*). (p. 163.)

S. America (Colombia,
Guiana, Brazil).

2. *chilensis* (*Mol.*). (p. 165.)

Southern S. America
(Peru, Chile, Pata-
gonia).
Falkland Is.

3. *griseus*, *Prazak*, Orn. MB. v. p. 23 (1896).

N. Chile.

XIX. *VANELLUS*, *Briss.*

(Sharpe, t. c. p. 166.)

1. *vanellus* (*Linn.*). (p. 166.)

Europe and N. Asia to
N. China & Alaska.
S. Europe, N.W. India,
S. China (*winter*).

2. *scirpsi*, *Van Beneden*, Bull. Acad. Belg. xxii.
p. 210 (1871).

Belgium (Pliocene).

XX. *EUHYAS*, *Sharpe.*

(Sharpe, t. c. p. 736.)

[*Eurypterus*, Sharpe, t. c. p. 171.]

1. *leucura* (*Licht.*). (p. 171.)

S.E. Europe.
Egypt.
Central Asia.
N.W. India (*winter*).

XXI. *CHÆTUSIA*, *Bp.*

(Sharpe, t. c. p. 174.)

1. *gregaria* (*Pall.*). (p. 174.)

S.E. Europe,
Central Asia.
N.E. Africa; Indian
Peninsula (*winter*).

XXII. STEPHANIBYX, *Reichenb.*

(Sharpe, Cat. B. xxiv. p. 177, 1896.)

- | | |
|---|--|
| 1. <i>coronatus</i> (<i>Bodd.</i>). (p. 178.) | S. & S.W. Africa.
E. Africa to Shoa and
Somali-land. |
| 2. <i>melanopterus</i> (<i>Cretzschm.</i>). (p. 180.) | N.E. & E. Africa,
Arabia. |
| 3. <i>inornatus</i> (<i>Swains.</i>). (p. 181.) | W. Africa (Liberia to
Congo).
S.E. & E. Africa (Natal
to Zanzibar). |

XXIII. SQUATAROLA, *Leach.*(Sharpe, *t. c.* p. 182.)

- | | |
|---|--|
| 1. <i>helvetica</i> (<i>Linn.</i>). (p. 182.) | Sub-arctic Regions.
S. to Australia, Cape, and
S. America (<i>winter</i>). |
|---|--|

XXIV. CHARADRIUS, *Linn.*(Sharpe, *t. c.* p. 191.)

- | | |
|--|--|
| 1. <i>pluvialis</i> , <i>Linn.</i> (p. 191.) | Europe & N. Asia.
N. Africa, N.W. India
(<i>winter</i>). |
| 2. <i>dominicus</i> (<i>P. L. S. Müll.</i>). (p. 195.) | Sub-arctic Regions,
S. to Australia,
New Zealand, Africa,
S. America (<i>winter</i>). |
| 3. <i>sheppardianus</i> , <i>Cope</i> , Bull. U.S. Geol. Surv.
Terr. vi. no. 1, p. 83 (1881). | N. America (Tertiary) |

XXV. APHRIZA, *Audub.*(Sharpe, *t. c.* p. 208.)

- | | |
|---|---|
| 1. <i>virgata</i> (<i>Gm.</i>). (p. 208.) | Western N. America.
Alaska to Chile (<i>winter</i>). |
|---|---|

XXVI. OCHTHODROMUS, *Reichenb.*(Sharpe, *t. c.* p. 209.)

- | | |
|--|--------------|
| 1. <i>obscurus</i> (<i>Gm.</i>). (p. 211.) | New Zealand. |
|--|--------------|

2. *bicinctus* (*J. & S.*). (p. 212.)
Australia, Tasmania,
Norfolk Isl.,
Lord Howe Isl.
3. *wilsoni* (*Ord*). (p. 214.)
Atlantic Coast of
N. America.
C. & S. America (*winter*).
4. *geoffroyi* (*Wagl.*). (p. 217.)
E. Asia (Japan, Formosa).
Africa, Indian Peninsula,
and Australia (*winter*).
5. *mongolus* (*Pall.*). (p. 223.)
N.E. Asia, coasts of
Bering Sea, Alaska.
China to Australia
(*winter*).
6. *pyrrhothorax* (*Gould*). (p. 226.)
[*Egialitis pamirensis*, Richm. Proc. U.S. Nat.
Mus. xviii. p. 590, 1895.]
C. Asia.
N.E. Africa (*winter*).
Indian Peninsula, Malay
Peninsula, Borneo
(*winter*).
7. *asiaticus* (*Pall.*). (p. 230.)
O. Asia.
Africa (*winter*).
Western Indian
Peninsula (*winter*).
8. *veredus* (*Gould*). (p. 232.)
Mongolia.
China to Moluccas and
Australia (*winter*).

XXVII. *EUDROMIAS*, *Brehm*.
(Sharpe, *t. c.* p. 234.)

1. *morinellus* (*Linn.*). (p. 234.)
N. Europe & N. Asia.
Mediterranean countries
& N.E. Africa (*winter*).

XXVIII. *ZONIBYX*, *Reichenb.*
(Sharpe, *t. c.* p. 238.)

1. *modestus* (*Licht.*). (p. 238.)
Southern S. America,
Falkland Is.

XXIX. *PODASOCYS*, *Coues*.
(Sharpe, *t. c.* p. 240.)

1. *montanus* (*Townes*). (p. 240.)
Western U. States.
S. to Mexico & Lower
California (*winter*).

XXX. *OXYECHUS*, *Reichenb.*

(Sharpe, Cat. B. xxiv. p. 242, 1896.)

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|--|---|
| 1. <i>vociferus</i> (<i>Linn.</i>). (p. 242.) | North America.
C. & S. America (<i>winter</i> ,
W. Europe (<i>acc.</i>). |
| 2. <i>tricollaris</i> (<i>V.</i>). (p. 247.) | S. Africa.
E. & N.E. Africa. |
| 3. <i>bifrontatus</i> (<i>Cab.</i>). (p. 249.) | Madagascar. |
| 4. <i>forbesi</i> (<i>Shelley</i>). (p. 250.) | W. Africa (Senegambia
to Gaboon). Equat.
Africa. |

XXXI. *ÆGIALEUS*, *Reichenb.*(Sharpe, *t. c.* p. 250.)

- | | |
|--|---|
| 1. <i>semipalmatus</i> (<i>Bp.</i>). (p. 250.) | N. America, N.E. Siberia.
C. & S. America (<i>winter</i>). |
|--|---|

XXXII. *ÆGIALITIS*, *Boie.*(Sharpe, *t. c.* p. 254.)

- | | |
|---|--|
| 1. <i>hiaticola</i> (<i>Linn.</i>). (p. 256.) | E. N. America (<i>casual</i>).
Europe, E. to Lake Baikal.
Africa (<i>winter</i>).
N.W. India (<i>winter</i>). |
| 2. <i>placida</i> (<i>Gray</i>). (p. 262.)] | Manchuria, E. Siberia,
Japan, China,
E. Himalayas.
S. China (<i>winter</i>). |
| 3. <i>dubia</i> (<i>Scop.</i>). (p. 263.) | Europe & N. Asia to Japan.
Africa (<i>winter</i>).
India and the Malay
Archipelago (<i>winter</i>).
Alaska to California
(<i>casual</i>). |
| 4. <i>peroni</i> (<i>Bp.</i>). (p. 273.) | Greater Sunda Is.
to Celebes. |
| 5. <i>alexandrina</i> (<i>Linn.</i>). (p. 275.) | Europe & Central Asia
to China & Japan.
Africa, Indian Peninsula,
& Australia (<i>winter</i>). |
| 6. <i>marginata</i> (<i>V.</i>). (p. 282.) | S. Africa. |

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|---|--|
| 7. <i>pallida</i> (<i>Strickl.</i>). (p. 284.) | W. Africa.
E. Africa & Madagascar. |
| 8. <i>venusta</i> (<i>Fischer & Reichen.</i>). (p. 286.) | E. Africa. |
| 9. <i>ruficapilla</i> (<i>Temm.</i>). (p. 286.) | Australia,
Tasmania,
New Zealand.
N. to China. |
| 10. <i>collaris</i> (<i>V.</i>). (p. 288.) | C. & S. America.
Lesser Antilles. |
| 11. <i>nivosa</i> , <i>Cass.</i> (p. 290.) | Western N. America.
C. America & Western
S. America. |
| 12. <i>meloda</i> (<i>Ord.</i>). (p. 292.) | N. America.
Greater Antilles. |
| 13. <i>occidentalis</i> , <i>Cab.</i> (p. 295.) | N. Chile. |
| 14. <i>falklandica</i> (<i>Lath.</i>). (p. 295.) | Chile, Argentina,
Patagonia,
Falkland Is. |
| 15. <i>pecuaria</i> (<i>Temm.</i>). (p. 297.) | Africa.
N. to Nile Delta. |
| 16. <i>sanctæ-helenæ</i> , <i>Harting.</i> (p. 299.) | S. Helena. |
| 17. <i>thoracica</i> , <i>Richm.</i> , Proc. Biol. Soc. Washington,
x. p. 53 (1896). | Madagascar. |
| 18. <i>melanops</i> (<i>V.</i>). (p. 300.) | Australia. |
| 19. <i>cucullata</i> (<i>V.</i>). (p. 302.) | Australia,
Tasmania. |

XXXIII. *PLUVIANELLUS*, *Jacq. & Pucher.*
(Sharpe, Cat. B. xxiv. p. 303, 1896.)

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|---|------------|
| 1. <i>sociabilis</i> , <i>Jacq. & Pucher.</i> (p. 303.) | Patagonia. |
|---|------------|

XXXIV. *THINORNIS*, *Gray.*
(Sharpe, *t. c.* p. 304.)

- | | |
|--|-----------------------------|
| 1. <i>novæ-zealandiæ</i> (<i>Gm.</i>). (p. 304.) | New Zealand,
Chatham Is. |
| 2. <i>rossi</i> , <i>Gray.</i> (p. 305.) | Auckland Is. |

XXXV. *ANARHYNCHUS*, Q. & G.

(Sharpe, Cat. B. xxiv. p. 306, 1896.)

- 1.
- frontalis*
- , Q. & G. (p. 306.)

New Zealand.

Sub-Family V. *PELTOHYATINÆ*.

(Sharpe, Cat. B. xxiv. p. 307, 1896.)

XXXVI. *PELTOHYAS*, Sharpe.(Sharpe, *t. c.* p. 307.)

- 1.
- australis*
- (Gould). (p. 307.)

Australia.

Sub-Family VI. *HIMANTOPODINÆ*.(Sharpe, *t. c.* p. 309.)XXXVII. *HIMANTOPUS*, Briss.(Sharpe, *t. c.* p. 309.)

- 1.
- himantopus*
- (Linn.). (p. 310.)

C. Europe. Africa.
Madagascar.
Central Asia.
Indian Peninsula to
Western China.

- 2.
- melanurus*
- (V.). (p. 316.)

Brazil, Chile.

- 3.
- leucocephalus*
- , Gould. (p. 317.)

Australia,
New Guinea,
Molucca Is.,
Greater Sunda Is.

- 4.
- picatus*
- , Ellm. (p. 319.)

New Zealand.

- 5.
- mexicanus*
- (P. L. S. Müll.). (p. 320.)

N. & C. America to
Amazonia & Peru.
West Indies.
Galapagos Is.

- 6.
- knudseni*
- , Stejn. (p. 323.)

Hawaiian Archipelago.

- 7.
- melas*
- , H. & J. (p. 323.)

New Zealand.

XXXVIII. CLADORHYNCHUS, *Gray*.

(Sharpe, Cat. B. xxiv. p. 324, 1896.)

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|--|------------|
| 1. <i>leucocephalus</i> (<i>V.</i>). (p. 324.) | Australia. |
|--|------------|

XXXIX. RECURVIROSTRA, *Linn.*

(Sharpe, *t. c.* p. 326.)

- | | |
|--|--|
| 1. <i>avocetta</i> , <i>Linn.</i> (p. 326.) | O. & S. Europe to
O. Asia & Mongolia.
Africa.
Indian Peninsula, Ceylon. |
| 2. <i>americana</i> (<i>Gm.</i>). (p. 330.) | Temperate N. America.
C. America & Greater
Antilles (<i>winter</i>). |
| 3. <i>novæ-hollandiæ</i> , <i>V.</i> (p. 333.) | Australia.
New Zealand. |
| 4. <i>andina</i> , <i>Phil. & Landb.</i> (p. 334.) | Andes of Chile. |

Sub-Family VII. IBIDORHYNCHINÆ.

(Sharpe, Cat. B. xxiv. p. 335, 1896.)

XL. IBIDORHYNCHUS, *Vig.*

(Sharpe, *t. c.* p. 335.)

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|--|--|
| 1. <i>struthersi</i> , <i>Vig.</i> (p. 335.) | Himalayas.
C. Asia to Mongolia and
N. China. |
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Sub-Family VIII. TOTANINÆ.

(Sharpe, *t. c.* p. 337.)

XLI. NUMENIUS, *Briss.*

(Sharpe, *t. c.* p. 340.)

- | | |
|---|---|
| 1. <i>arquata</i> (<i>Linn.</i>). (p. 341.) | Europe, E. to Lake Baikal.
Africa, India,
S. China, & Malay
Peninsula (<i>winter</i>). |
| 2. <i>tenuirostris</i> , <i>V.</i> (p. 348.) | Mediterranean countries.
C. Europe (<i>occ.</i>). |

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|---|---|
| 3. <i>cyanopus</i> , <i>L.</i> (p. 350.) | E. Siberia, Japan.
Australia (<i>winter</i>). |
| 4. <i>longirostris</i> , <i>Wilson</i> . (p. 352.) | Temperate N. America.
C. America & Greater
Antilles (<i>winter</i>). |
| 5. <i>phæopus</i> (<i>Linn.</i>). (p. 355.) | Europe.
Africa, Indian Peninsula,
Indo-Burmese countries
& Malay Peninsula
(<i>winter</i>). |
| 6. <i>variegatus</i> (<i>Scop.</i>). (p. 361.) | E. Siberia, Japan.
S. China to Australia
(<i>winter</i>). |
| 7. <i>hudsonicus</i> , <i>Lath.</i> (p. 364.) | N. America.
S. America (<i>winter</i>). |
| 8. <i>femoralis</i> , <i>Peale</i> .
[<i>tahitiensis</i> (<i>Gm.</i>). (p. 367.)] | N.W. N. America.
Hawaiian Archipelago.
Pacific Islands. |
| 9. <i>borealis</i> , <i>Lath.</i> (p. 368.) | N. America.
S. America (<i>winter</i>). |
| 10. <i>antiquus</i> , <i>Milne-Edw.</i>
(<i>Lydekker</i> , Cat. Foss. B. p. 175.) | France (Middle Miocene). |
| 11. <i>gypsorum</i> , <i>Gervais</i> .
(<i>Lydekker</i> , <i>t. c.</i> p. 175.) | France (Upper Eocene). |
| 12. <i>pliocenus</i> , <i>Portis</i> , Orn. Vald. p. 13 (1891). | Italy (Pliocene). |

XLII. *Clorius*, *Milne-Edwards*.

(*Lydekker*, Cat. Foss. B. p. 173, 1891.)

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|--|------------------------------|
| 1. <i>paludicola</i> , <i>Milne-Edw.</i> (L., p. 173.) | France (Lower Miocene). |
| 2. <i>sp.</i> , <i>Lydekker</i> , <i>t. c.</i> p. 174. | Bavaria (Middle
Miocene). |

XLIII. *Rupelornis*, *Van Beneden*.

(*Van Beneden*, Bull. Acad. Belg. xxxii. p. 217, 1871.)

- | | |
|---|---------------------|
| 1. <i>definitus</i> , <i>Van Beneden</i> , <i>t. c.</i> | Belgium (Pliocene). |
|---|---------------------|

XLIV. MESOSCOLOPAX, Sharpe.

(Sharpe, Cat. B. xxiv. p. 371, 1896.)

1. *minutus*, Gould. (p. 371.)

E. Siberia,
Corca & Mongolia.
China, Japan to
Australia (*winter*).

XLV. LIMOSA, Briss.

(Sharpe, *t. c.* p. 372.)

1. *lapponica* (Linn.). (p. 373.)

Sub-arctic Regions from
Lapland to the Yenesei.
Mediterranean countries
(*winter*).
Senegambia, Sind (*winter*).

2. *novæ-zealandiæ*, Gray. (p. 379.)

Alaska, E. Siberia.
S. to Australia,
New Zealand,
Oceania (*winter*).

3. *limosa* (Linn.). (p. 381.)

C. & N. Europe to
Valley of Ob R.
Mediterranean countries
& N.E. Africa (*winter*).

4. *hudsonica* (Lath.). (p. 388.)

N. America.
S. America (*winter*).

5. *fedoa* (Linn.). (p. 391.)

N. America.
C. America (*winter*).

XLVI. MACRORHAMPHUS, Leach.

(Sharpe, *t. c.* p. 393.)

1. *griseus* (Gm.). (p. 394.)

E. Siberia & N. America.
C. & S. America (*winter*).

2. *taczanowskii* (Ferr.). (p. 400.)

E. Siberia.
N.E. Bengal, Burma,
Borneo (*winter*).

XLVII. MICROPALAMA, Baird.

(Sharpe, *t. c.* p. 401.)

1. *himantopus* (Bp.). (p. 401.)

Eastern N. America.
C. & S. America and
West Indies (*winter*).

XLVIII. SYMPHEMIA, *Rafin.*

(Sharpe, Cat. B. xxiv. p. 405, 1896.)

1. *semipalmata* (*Gm.*). (p. 405.) Temperate N. America.
Central America, Guiana,
West Indies (*winter*).

XLIX. TOTANUS, *Bechst.*

(Sharpe, t. c. p. 409.)

1. *fuscus* (*Linn.*). (p. 409.) N. Europe & Asia.
Mediterranean countries,
Indian Peninsula, and
China (*winter*).
2. *calidris* (*Linn.*). (p. 414.) Europe & Central Asia to
E. Siberia.
Africa, India, Burmese
countries to Malay
Archipelago (*winter*).
3. *stagnatilis*, *Bechst.* (p. 422.) S.E. Europe to N.E. Asia.
Africa, Indian Peninsula
to Australia (*winter*).
4. *melanoleucus* (*Gm.*). (p. 426.) N. America.
S. America (*winter*).
5. *flavipes* (*Gm.*). (p. 431.) N. America.
S. America (*winter*).
6. *sp.*, *Lydekker*, Cat. Foss. B. p. 172 (1891). Switzerland (Upper
Miocene).
7. *lartettianus*, *Milne-Edw.* (L., p. 172.) France (Lower Miocene).
8. *scarabrellii*, *Portis.* (L., p. 173.) Italy (Pliocene).
9. *majori*, *Lydekker*, P. Z. S. 1893, p. 521. France (Miocene).

INCERTÆ SEDIS.

- Totanus* (?) *sp.* (*Lydekker*, t. c. p. 173). France (Upper Miocene).

L. HELODROMAS, *Kaup.*

(Sharpe, t. c. p. 437.)

1. *ochropus* (*Linn.*). (p. 437.) Europe & N. Asia.
Africa, Indian Peninsula
to Malay Archipelago
(*winter*).

2. *solitarius* (*Wilson*). (p. 441.) N. America.
S. America (*winter*).
3. *cinnamomeus*, *Brewster*, *Auk*, vii. p. 377 (1890). Pacific coast of
(p. 760.) N. America.

LI. *HETERACTITIS*, *Stejn.*

(Sharpe, *Cat. B.* xxiv. p. 449, 1896.)

1. *brevipes* (*L.*). (p. 449.) E. Siberia.
China to Malay Archipelago & Australia (*winter*).
2. *incanus* (*Gm.*). (p. 453.) W. N. America, Alaska & Bering Isl. to Lower California.
Mexico, Galapagos Is., Oceania (*winter*).

LII. *TRINGOIDES*, *Bp.*

(Sharpe, *t. c.* p. 456.)

1. *hypoleucus* (*Linn.*). (p. 456.) Europe & N. Asia.
Africa, Indian Peninsula to Australia (*winter*).
2. *macularius* (*Linn.*). (p. 468.) N. America.
C. & S. America and W. Indies (*winter*).

LIII. *TEREKIA*, *Bp.*

(Sharpe, *t. c.* p. 474.)

1. *cinerea* (*Güldenst.*). (p. 474.) N.E. Europe,
N. Siberia.
Africa & Indian Peninsula to Australia (*winter*).

LIV. *PSEUDOGLOTTIS*, *Stejn.*

(Sharpe, *t. c.* p. 479.)

1. *guttifer* (*Nordm.*). (p. 479.) Kamchatka & E. Siberia.
Coasts of Hainan, Burma, & N.E. Bengal (*winter*).

LV. *GLOTTIS*, *Koch.*

(Sharpe, *t. c.* p. 480.)

1. *nebularius* (*Gunn.*). (p. 481.) N. Europe & N. Asia.
Africa, Indian Peninsula to Australia (*winter*).

LVI. **RHYACOPHILUS**, *Kaup.*

(Sharpe, Cat. B. xxiv. p. 490, 1896.)

- 1.
- glareola**
- (
- Gm.*
-). (p. 491.)

Europe & N. Asia.
Africa, Indian Peninsula
to Australia (*winter*).LVII. **PAVONCELLA**, *Leach.*(Sharpe, *t. c.* p. 499.)

- 1.
- pugnax**
- (
- Linn.*
-). (p. 500.)

Temperate Europe and
Asia.
Africa, Indian Peninsula
to Malay Archipelago
(*winter*).
W. Indies and N. Ame-
rica (*oe.*).LVIII. **BARTRAMIA**, *Less.*(Sharpe, *t. c.* p. 509.)

- 1.
- longicauda**
- (
- Beechst.*
-). (p. 509.)

N. America.
S. America (*winter*).
W. Europe (*acc.*).
Australia (*acc.*).LIX. **EREUNETES**, *Illiger.*(Sharpe, *t. c.* p. 514.)

- 1.
- pusillus**
- (
- Linn.*
-). (p. 514.)

N.E. Siberia.
N. America.
S. America (*winter*).Sub-Family IX. **SCOLOPACINÆ.**

(Sharpe, Cat. B. xxiv. p. 520, 1896.)

LX. **TRYNGITES**, *Cab.*(Sharpe, *t. c.* p. 521.)

- 1.
- subruficollis**
- (
- V.*
-). (p. 521.)

N. America.
S. America (*winter*).LXI. **ÆCHMORHYNCHUS**, *Coues.*(Sharpe, *t. c.* p. 524.)

- 1.
- cancellatus**
- (
- Gm.*
-). (p. 524.)

Oceania (Paumotu Is.,
Christmas Isl.).LXII. **PROSOBONIA**, *Bp.*(Sharpe, *t. c.* p. 525.)

- 1.
- leucoptera**
- (
- Gm.*
-). (p. 525.)

Oceania (Tahiti).

LXIII. *CALIDRIS*, *Illiger*.

(Sharpe, Cat. B. xxiv. p. 526, 1896.)

1. *arenaria* (*Linn.*). (p. 526.)

Arctic Regions.
S. America; Africa;
Indian Peninsula to
Australia (*winter*).
Marshall Is. (*winter*).

LXIV. *EURYNORHYNCHUS*, *Nilss.*

(Sharpe, t. c. p. 535.)

1. *pygmæus* (*Linn.*). (p. 535.)

N.E. Asia.
N.W. America.
Japan, China, & Burma
(*winter*).

LXV. *LIMONITES*, *Kaup.*

(Sharpe, t. c. p. 537.)

1. *minuta* (*Leisl.*). (p. 538.)

N. Europe.
N. Asia to Lake Baikal.
Africa; Indian Peninsula,
Ceylon (*winter*).

2. *ruficollis* (*Pall.*). (p. 545.)

E. Siberia.
Japan, China, Burmese
countries to Australia
(*winter*).

3. *minutilla* (*V.*). (p. 548.)

N. America.
S. America (*winter*).

4. *damacensis* (*Horsf.*). (p. 553.)

E. Siberia.
Is. of Bering Sea.
Japan, China to N.E.
Bengal, Burma to
Australia (*winter*).

5. *temmincki* (*Leisl.*). (p. 555.)

N. Europe & Asia.
N. & N.E. Africa; Indian
Peninsula, China
(*winter*).

LXVI. *HETEROPYGIA*, *Coues.*

(Sharpe, t. c. p. 561.)

1. *maculata* (*V.*). (p. 562.)

N. America.
C. & S. America (*winter*).

2. *acuminata* (*Horsf.*). (p. 566.)

E. Siberia.
Alaska.
China, S. to Australia &
New Zealand (*winter*).

3. *bairdi* (*Coues*). (p. 570.) N. America.
C. & W. South America
(*winter*).
4. *fuscicollis* (*F.*). (p. 574.) E. North America.
C. & E. South America,
West Indies (*winter*).
5. ? *cooperi* (*Baird*). (p. 574, note.) N. America (Long Isl.).

LXVII. *ARQUATELLA*, *Baird*.

(Sharpe, Cat. B. xxiv. p. 578, 1896.)

1. *maritima* (*Gm.*). (p. 578.) N. Europe.
N.E. America.
Temperate Europe and
N. America (*winter*).
2. *couesi*, *Ridgw.* (p. 583.) Is. of Bering Sea.
N.W. America.
3. *ptilocnemis* (*Coues*). (p. 584.) Pribilof Is., Bering Sea.
N.W. America (*winter*).

LXVIII. *ANCYLOCHILUS*, *Kaup*.

(Sharpe, t. c. p. 585.)

1. *subarquatus* (*Güldenst.*). (p. 586.) N. Siberia.
Africa ; Indian Peninsula
to Australia (*winter*).

LXIX. *TRINGA*, *Linn.*

(Sharpe, t. c. p. 593.)

1. *canutus* (*Linn.*). (p. 593.) Arctic Regions.
Africa ; Indian Peninsula
to Australia and New
Zealand (*winter*).
2. *crassirostris*, *T. & S.* (p. 600.) E. Siberia.
Japan, China to Australia,
& W. Indian Peninsula
(*winter*).
3. *gracilis*, *Milne-Edw.* (Lydekker, Cat. Foss. B.
p. 171.) France & Germany
(Lower Miocene).

LXX. *PELIDNA*, *Cuvier*.

(Sharpe, t. c. p. 602.)

1. *alpina* (*Linn.*). (p. 602.) N. Europe & Asia.
Shores of Mediterranean
Sea and Indian Ocean
(*winter*).

2. *pacifica*, *Coues*.

[*americana*, *Cass. nec Brehm* (p. 608).]

N. America.

C. America (*winter*).

E. Siberia.

China (*winter*).

LXXI. LIMICOLA, *Koch*.

(*Sharpe*, *Cat. B.* xxiv. p. 612, 1896.)

1. *platyrhyncha* (*Temm.*). (p. 612.)

N. Europe & Siberia.

Mediterranean & Red Seas,

Indian Peninsula, China

to Moluccas (*winter*).

LXXII. GALLINAGO, *Leach*.

(*Sharpe*, *t. c.* p. 616.)

1. *stenura* (*Kuhl*). (p. 619.)

E. Siberia to the Yenesei.

China to Malay Peninsula,

Indian Peninsula (*winter*).

2. *megala*, *Swinh.* (p. 624.)

E. Siberia.

Japan, China,

S. to Molucca Is. (*winter*).

3. *major* (*Gm.*). (p. 626.)

N. Europe to Valley of

the Yenesei R.

Africa (*winter*).

4. *nigripennis*, *Bp.* (p. 631.)

Tropical Africa.

5. *gallinago* (*Linn.*). (p. 633.)

Europe & N. Asia.

Senegambia and

N.E. Africa (*winter*).

Indian Peninsula to the

Malay Peninsula and

the Moluccas (*winter*).

6. *delicata* (*Ord*). (p. 642.)

N. America.

S. & C. America.

W. Indies.

7. *frenata* (*Illiger*). (p. 646.)

S. America.

8. *andina*, *Tacz.* (p. 648.)

Peru.

9. *nobilis*, *Scl.* (p. 648.)

Colombia,

Ecuador.

10. *macrodactyla*, *Bp.* (p. 649.)

Madagascar,

Mauritius.

11. *paraguayæ* (*L.*). (p. 650.)

S. America.

Falkland Is.

12. *australis* (*Lath.*). (p. 652.)

Formosa to Australia

(*winter*).

- | | |
|---|---|
| 13. <i>dubia</i> , <i>Deichler</i> , J. f. O. 1897, p. 151. | Japan. |
| 14. <i>solitaria</i> , <i>Hodgs.</i> (p. 654.) | N.E. Siberia,
Japan,
Himalayas.
China (<i>winter</i>). |
| 15. <i>nemoricola</i> , <i>Hodgs.</i> (p. 657.) | Indian Peninsula,
Assam. |
| 16. <i>gigantea</i> (<i>Temm.</i>) (p. 658.) | Brazil,
Paraguay. |
| 17. <i>undulata</i> (<i>Bodd.</i>) (p. 659.) | Guiana. |
| 18. <i>stricklandi</i> (<i>Gray</i>) (p. 660.) | Southern S. America. |
| 19. <i>jamesoni</i> (<i>Bp.</i>) (p. 661.) | W. S. America. |
| 20. <i>aucklandica</i> , <i>Gray.</i> (p. 661.) | Auckland Is.,
Antipodes Isl. |
| 21. <i>huegeli</i> , <i>Tristr.</i> (p. 663.) | Snares Is. |
| 22. <i>pusilla</i> , <i>Buller.</i> (p. 663.) | Chatham Is. |
| 23. <i>chathamica</i> , <i>Forbes.</i> (p. 663, note.) | Chatham Is. (Pleistocene). |
| 24. <i>imperialis</i> , <i>Scl. & Salv.</i> (p. 664.) | Colombia. |

LXXIII. *LIMNOCRYPTES*, *Kaup.*

(Sharpe, Cat. B. xxiv. p. 665, 1896.)

- | | |
|--|---|
| 1. <i>gallinula</i> (<i>Linn.</i>) (p. 665.) | N. Europe to E. Siberia.
Mediterranean countries,
Indian Peninsula,
China (<i>winter</i>). |
|--|---|

LXXIV. *NEOSCOLOPAX*, *Salvad.*(Sharpe, *t. c.* p. 670.)

- | | |
|---|---------------------|
| 1. <i>rochusseni</i> (<i>Schl.</i>) (p. 670.) | Obi Isl., Moluccas. |
|---|---------------------|

LXXV. *SCOLOPAX*, *Linn.*(Sharpe, *t. c.* p. 671.)

- | | |
|--|--|
| 1. <i>rusticula</i> , <i>Linn.</i> (p. 671.) | Europe & N. Asia.
Himalayas.
S. Europe,
Indian Peninsula,
China (<i>winter</i>). |
| 2. <i>saturata</i> , <i>Horsf.</i> (p. 678.) | Java,
N.W. & S.E. New Guinea, |

LXXVI. PHILOHELA, Gray.

(Sharpe, Cat. B. xxiv. p. 679, 1896.)

1. *minor* (Gm.). (p. 679.)

Temperate N. America.

LXXVII. PHEGORNIS, Gray.

(Sharpe, *t. c.* p. 681.)

1. *mittelli* (Fraser). (p. 682.)

Chile, Peru.

LXXVIII. ROSTRATULA, V.

(Sharpe, *t. c.* p. 683.)

1. *capensis* (Linn.). (p. 683.)

Africa.
Indian Peninsula,
Burmese Provinces to
China & Japan.
S. to Malay Peninsula.
Greater Sunda Is.

2. *australis* (Gould). (p. 690.)

Australia.

3. *semicollaris* (V.). (p. 690.)

S. America.

Sub-Family X. *PHALAROPODINÆ*.

(Sharpe, Cat. B. xxiv. p. 693, 1896.)

LXXIX. CRYMOPHILUS, V.

(Sharpe, *t. c.* p. 693.)

1. *fulicarius* (Linn.). (p. 693.)

Arctic Regions.
Southern Oceans (*winter*).

LXXX. PHALAROPUS, Briss.

(Sharpe, *t. c.* p. 698.)

1. *hyperboreus* (Linn.). (p. 698.)

Arctic Regions.
Southern Oceans (*winter*).

LXXXI. STEGANOPUS, V.

(Sharpe, *t. c.* p. 705.)

1. *tricolor* (V.). (p. 705.)

Temperate N. America.
S. America and
Falkland Is. (*winter*).

Sub-Order IV. *PARRÆ*.(Sharpe, *Classif. B.* p. 73, 1891.)Family I. *PARRIDÆ*.(Sharpe, *Cat. B.* xxiv. p. 68, 1896.)I. *HYDROPHASIS*, *Sharpe*.(Sharpe, *t. c.* p. 69.)

- 1.
- chirurgus*
- (
- Scop.*
-). (p. 69.)

Indian Peninsula.
Indo-Chinese countries
to Malay Peninsula &
Greater Sunda Is.II. *METOPIDIUS*, *Wagler*.(Sharpe, *t. c.* p. 72.)

- 1.
- indicus*
- (
- Lath.*
-). (p. 72.)

Indian Peninsula,
Indo-Chinese countries,
Greater Sunda Is.III. *PHYLLOPEZUS*, *Sharpe*.(Sharpe, *t. c.* p. 76.)

- 1.
- africanus*
- (
- Gm.*
-). (p. 76.)

Africa.

- 2.
- albinucha*
- (
- Is. Geoffr.*
-). (p. 78.)

Madagascar.

IV. *HYDRALECTOR*, *Wagler*.(Sharpe, *t. c.* p. 79.)

- 1.
- gallinaceus*
- (
- Temm.*
-). (p. 79.)

Australia, Celebes,
S. Borneo.

- 2.
- novæ-guineæ*
- (
- Ramsay*
-). (p. 81.)

New Guinea.

V. *JACANA*, *Schaeffer*.(Sharpe, *t. c.* p. 81.)

- 1.
- jacana*
- (
- Linn.*
-). (p. 82.)

S. America.

- 2.
- melanopygia*
- (
- Scl.*
-). (p. 84.)

Panama,
Colombia.

- 3.
- nigra*
- (
- Gm.*
-). (p. 84.)

Panama,
Colombia,
Venezuela.

VI. **ASARCIA**, *Sharpe*.

(Sharpe, Cat. B. xxiv. p. 86, 1896.)

1. **variabilis** (*Linn.*). (p. 86.) S. Texas to Costa Rica.
 [*A. spinosa*, *Linn.*; Coues, Auk, xiv. p. 88, 1897.] Greater Antilles.

VII. **MICROPARRA**, *Cab.*

(Sharpe, *t. c.* p. 88.)

1. **capensis** (*Smith*). (p. 89.) S. & E. Africa.

Sub-Order V. **CURSORII**.

(Sharpe, Classif. B. p. 73, 1891.)

Family I. **CURSORIIDÆ**.

(Sharpe, Cat. B. xxiv. p. 26, pt., 1896.)

I. **ORTYXELUS**, *V.*

(Sharpe, *t. c.* p. 30.)

1. **meiffreni** (*V.*). (p. 30.) W. Africa.
 N.E. Africa to
 Equat. Africa.

II. **PLUVIANUS**, *V.*

(Sharpe, *t. c.* p. 32.)

1. **ægyptius** (*Linn.*). (p. 32.) W. Africa (Senegambia
 to Coanza R.).
 N.E. Africa to Egyptian
 Delta & Mediterranean
 countries.

III. **CURSORIUS**, *Lath.*

(Sharpe, *t. c.* p. 34.)

1. **gallicus** (*Gm.*). (p. 34.) Deserts of N. Africa to
 Canaries and
 Cape Verde Is.
 E. to Afghanistan and
 N.W. India.
2. **somalensis**, *Shelley*. (p. 37.) Somali-land.

- | | |
|---|------------------------------|
| 3. <i>rufus</i> , <i>Gould.</i> (p. 38.) | South Africa. |
| 4. <i>coromandelicus</i> (<i>Gm.</i>). (p. 38.) | Indian Peninsula,
Ceylon. |
| 5. <i>temmincki</i> , <i>Swains.</i> (p. 41.) | Tropical Africa. |

IV. **RHINOPTILUS**, *Strickl.*

(Sharpe, Cat. B. xxiv. p. 43, 1896.)

- | | |
|---|---|
| 1. <i>bicinctus</i> (<i>Temm.</i>). (p. 43.) | South Africa. |
| 2. <i>bisignatus</i> (<i>Hartl.</i>). (p. 45.) | E. & S.W. Africa. |
| 3. <i>hartingi</i> , <i>Sharpe.</i> (p. 46.) | Somali-land. |
| 4. <i>cinctus</i> (<i>Heugl.</i>). (p. 46.) | N.E. & E. Africa. |
| 5. <i>seebohmi</i> , <i>Sharpe.</i> (p. 47.) | S.W. Africa. |
| 6. <i>chalcopterus</i> (<i>Temm.</i>). (p. 48.) | Senegambia to N.E. Africa.
E. Africa to Eastern
Cape Colony & S.W.
Africa. |
| 7. <i>albifasciatus</i> , <i>Sharpe.</i> (p. 49.) | S. & S.W. Africa
(Natal to Benguela). |
| 8. <i>bitorquatus</i> (<i>Blyth</i>). (p. 50.) | Central India. |

Family II. **GLAREOLIDÆ.**(*Cursoriidae*, pt., Sharpe, Cat. B. xxiv. p. 26, 1896.)I. **STILTIA**, *Bp.*(Sharpe, *t. c.* p. 51.)

- | | |
|--|---|
| 1. <i>isabella</i> (<i>V.</i>). (p. 51.) | Australia to Celebes &
Greater Sunda Is. |
|--|---|

II. **GLAREOLA**, *Briss.*(Sharpe, *t. c.* p. 53.)

- | | |
|---|--|
| 1. <i>pratricula</i> (<i>Linn.</i>). (p. 53.) | S. Europe to C. Asia &
Indian Peninsula.
Africa (<i>winter</i>). |
|---|--|

- | | |
|--|---|
| 2. <i>melanoptera</i> , <i>Nordm.</i> (p. 57.) | S.E. Europe.
Africa (<i>winter</i>). |
| 3. <i>orientalis</i> , <i>Leach.</i> (p. 58.) | E. Siberia, China,
Indian Peninsula,
Indo-Chinese countries.
Malay Peninsula and
Archipelago to
Australia (<i>winter</i>). |

III. GALACTOCHRYSEA, *Heine & Reichen.*
(Sharpe, Cat. B. xxiv. p. 62, 1896.)

- | | |
|--|--|
| 1. <i>ocularis</i> (<i>Verr.</i>). (p. 62.) | Madagascar.
E. Africa. |
| 2. <i>marchei</i> (<i>Oust.</i>). (p. 726.)
[<i>liberiæ</i> (<i>Schl.</i>) (p. 63).] | W. Africa (Liberia to
Nigeria). |
| 3. <i>emini</i> (<i>Shelley</i>). (p. 64.) | Equatorial Africa. |
| 4. <i>nuchalis</i> (<i>Gray</i>). (p. 64.) | Upper White Nile. |
| 5. <i>cinerea</i> (<i>Fraser</i>). (p. 64.) | West Africa (Nigeria to
the Oongo). |
| 6. <i>lactea</i> (<i>Temm.</i>). (p. 65.) | Indian Peninsula to
Assam & Manipur.
Ceylon. |

Family III. DROMADIDÆ.

(*Cursoriide*, pt., Sharpe, Cat. B. xxiv. p. 26, 1896.)

I. DROMAS, *Paykull.*

(Sharpe, *t. c.* p. 27.)

- | | |
|--|--|
| 1. <i>ardeola</i> , <i>Paykull.</i> (p. 28.) | Shores & Islands of Red
Sea and Indian Ocean. |
|--|--|

Sub-Order VI. *ÆDICNEMI*.(Sharpe, *Classif. B.* p. 73, 1891.)Family I. *ÆDICNEMIDÆ*.(Sharpe, *Cat. B.* xxiv. p. 2, 1896.)I. *ÆDICNEMUS*, *Temm.*(Sharpe, *t. c.* p. 3.)

- | | |
|--|---|
| 1. <i>ædicnemus</i> (<i>Linn.</i>). (p. 4.) | C. & S. Europe,
E. to Central Asia.
N.E. Africa, Indian
Peninsula, Burmese
countries (<i>winter</i>). |
| 2. <i>saharæ</i> , <i>Reichen.</i> *
(<i>ædicnemus</i> , pt., p. 4.) | Deserts of Northern
Africa. |
| 3. <i>senegalensis</i> , <i>Swains.</i> (p. 10.) | W. Africa (Senegambia
to Gaboon).
N.E. Africa to Egypt. |
| 4. <i>vermiculatus</i> , <i>Cab.</i> (p. 11.) | S.E. & S.W. Africa to
the Congo.
E. Africa to the
Victoria Nyanza. |
| 5. <i>büttikoferi</i> , <i>Reichen.</i> , <i>Orn. MB.</i> 1898, p. 182. | Liberia. |
| 6. <i>bistriatus</i> (<i>Wagler</i>). (p. 12.) | C. America to Colombia,
Guiana & Amazonia. |
| 7. <i>dominicensis</i> , <i>Cory.</i> (p. 14.) | San Domingo. |
| 8. <i>superciliaris</i> , <i>Tschudi.</i> (p. 14.) | Western Peru. |
| 9. <i>capensis</i> , <i>Licht.</i> (p. 15.) | S. & S.W. Africa.
E. Africa. |
| 10. <i>affinis</i> , <i>Rüpp.</i> (p. 17.) | N.E. Africa.
Equatorial Africa. |

* Dr. Reichenow writes to me that he considers *Æ. saharæ* to be a distinct species, so that I have reinstated it in the 'Hand-list' for the present. Personally, I do not believe it to be distinct, any more than I do *Æ. indicus* (*cf. Cat. B.* p. 6), though Dr. Bianchi writes that he considers this form also to be quite recognizable.

II. **BURHINUS**, *Mliger*.

(Sharpe, Cat. B. xxiv. p. 18, 1896.)

1. *grallarius* (*Lath.*). (p. 18.)

Australia.

III. **ESACUS**, *Less*.

(Sharpe, *t. c.* p. 20.)

1. *recurvirostris* (*Cuv.*). (p. 20.)

Indian Peninsula, Ceylon,
Burmese Provinces.

IV. **ORTHORHAMPHUS**, *Salvad.*

(Sharpe, *t. c.* p. 22.)

1. *magnirostris* (*I.*). (p. 22.)

Australia to Bismarck
Archipelago, and N. to
Borneo & Is. of Bay of
Bengal.

V. **MILNEA**, *Lydekker*.

(Lydekker, Cat. Foss. B. p. 169, 1891.)

1. *gracilis*, *Lydekker*. (L., p. 169.)

France (Lower Miocene).

Sub-Order VII. **OTIDES**.

(Sharpe, Classif. B. p. 73, 1891.)

Family I. **OTIDIDÆ**.

(Sharpe, Cat. B. xxiii. p. 282, 1894.)

I. **OTIS**, *Linn.*

(Sharpe, *t. c.* p. 283.)

1. *tarda*, *Linn.* (p. 284.)

S. & C. Europe.
N. Africa.
O. Asia.
N.W. India (*winter*).

2. *dybowskii*, *Tacz.* (p. 286.)

E. Siberia.
Manchuria, Corea,
Japan,
C. China (*winter*).

3. *affinis*, *Lydekker*. (p. 285, note.)

Bavaria (Middle
Miocene).

4. *agilis*, *Milne-Edw.* (Lydekker, Cat. Foss. B.
p. vii.)

France (Allier) (Lower
Miocene).

II. **TETRAX**, *Leach*.

(Sharpe, Cat. B. xxiii. p. 287, 1894.)

- 1.
- tetrax*
- (
- Linn.*
-). (p. 287.)

S. Europe.
N. Africa.
C. Asia.
N.W. India (*winter*).III. **LOPHOTIS**, *Reichenb.*(Sharpe, *t. c.* p. 290.)

- 1.
- ruficrista*
- (
- Smith*
-). (p. 291.)

S.E. Africa to Transvaal
& Benguela.

- 2.
- gindiana*
- (
- Oust.*
-). (p. 292.)

Somali-land,
Equatorial Africa to
Kilimanjaro.IV. **COMPSOTIS**, *Heine*.(Sharpe, *t. c.* p. 293.)

- 1.
- afra*
- (
- Forst.*
-). (p. 293.)

S. Africa.

- 2.
- leucoptera*
- (
- Reichenb.*
-). (p. 294.)

S.E. Africa.

V. **HETEROTETRAX**, *Sharpe*.(Sharpe, *t. c.* p. 296.)

- 1.
- vigorsi*
- (
- Smith*
-). (p. 296.)

S. Africa.

- 2.
- rueppelli*
- (
- Wahlb.*
-). (p. 297.)

S.W. Africa (Benguela to
Namaqua-land).

- 3.
- humilis*
- (
- Blyth*
-). (p. 298.)

Somali-land.

VI. **NEOTIS**, *Sharpe*.(Sharpe, *t. c.* p. 298.)

- 1.
- ludwigi*
- (
- Rüpp.*
-). (p. 299.)

S. Africa.

- 2.
- burchelli*
- (
- Heugl.*
-). (p. 300.)

N.E. Africa.

- 3.
- caffa*
- (
- Licht.*
-). (p. 301.)

S. Africa to Benguela.
E. Africa to Albert
Nyanza.

- 4.
- denhami*
- (
- Childr.*
-). (p. 302.)

C. Soudan to Senaar,
Djur Country.

- 5.
- heuglini*
- (
- Hartl.*
-). (p. 303.)

Somali-land.

VII. LISSOTIS, *Reichenb.*

(Sharpe, Cat. B. xxiii. p. 304, 1894.)

1. *nuba* (*Cretzschm.*). (p. 305.) N.E. Africa.
2. *melanogaster* (*Rüpp.*). (p. 306.) Senegambia to Benguela,
N.E. Africa,
E. Africa, S. to Natal.
3. *hartlaubi* (*Heugl.*). (p. 307.) N.E. Africa,
E. Africa. Natal.

VIII. TRACHELOTIS, *Reichenb.*

(Sharpe, *t. c.* p. 308.)

1. *cærulescens* (*V.*). (p. 308.) S. Africa.
2. *canicollis* (*Reichen.*). (p. 309.) Shoa,
Somali-land,
E. Africa.
3. *senegalensis* (*V.*). (p. 310.) Senegambia,
N.E. Africa.
4. *barrowi* (*J. E. Gray*). (p. 311.) S. Africa (Natal to
Zambesi R.).

IX. SYPHEOTIS, *Less.*

(Sharpe, *t. c.* p. 312.)

1. *indica* (*Gm.*). (p. 313.) Indian Peninsula.

X. HOUBAROPSIS, *Sharpe.*

(Sharpe, *t. c.* p. 315.)

1. *bengalensis* (*Gm.*). (p. 315.) Indian Peninsula.

XI. HOUBARA, *Bp.*

(Sharpe, *t. c.* p. 318.)

1. *macqueeni* (*Gray & Hardw.*). (p. 318.) N.W. India,
C. Asia,
Persia,
Europe (*acc.*).

4. *canadensis* (*Linn.*). (p. 256.) N.E. Siberia.
Arctic America.
W. U. States (*winter*).
5. *monachus*, *Temm.* (p. 257.) E. Siberia,
S. Japan.
China (*winter*).
6. *nigricollis*, *Przew.* (p. 258.) Koko-nor.
7. *japonensis* (*P. L. S. Müll.*). (p. 258.) E. Siberia,
Corea, Japan.
O. China (*winter*).
8. *primigenia*, *Milne-Edw.* (*Lydekker*, *Cat. Foss. B.* p. 161, 1891). France (Pleistocene).
9. *turfa*, *Portis*, *Mem. R. Accad. Torino*, (2) xxxvi. Italy (Pleistocene).
p. 372 (1884).
10. *melitensis*, *Lydekker*, *P. Z. S.* 1890, p. 403; *id.* Malta (Pleistocene).
Cat. Foss. B. p. 162.
11. *pentelici*, *Gaudry*, *C. R.* liv. p. 504 (1861). Greece (Lower
(*Lydekker*, *Cat. Foss. B.* p. 164.) Pliocene).
12. *erecta*, *Milne-Edw.*, *Ois. Foss. France*, ii. p. 24 France (Lower
(1869). (*Lydekker*, *t. c.* p. 164.) Miocene).
13. *problematica*, *Milne-Edw.* *t. c.* p. 30. (Lydekker, France (Lower
t. c. p. 164.) Miocene).
14. *hordwelliensis*, *Lydekker*, *Cat. Foss. B.* p. 165. England (Upper
Eocene).
15. *princeps* (*Portis*). (*Cat. B.* xxiii. p. 276.) Italy (Upper
Eocene).
17. *proabus*, *Marsh.* (p. 276.) New Jersey, U.S.A.
(Pleistocene).
18. *haydeni*, *Marsh.* (p. 276.) Nebraska, U.S.A.
(Pliocene).

II. **LIMNOGERANUS**, *Sharpe*.

(Sharpe, Cat. B. xxiii. p. 259, 1894.)

- 1.
- americanus*
- (
- Linn.*
-). (p. 259.)

Int. N. America.
Florida, Texas, & Mexico
(*winter*).III. **SARCOGERANUS**, *Sharpe*.(Sharpe, *t. c.* p. 261.)

- 1.
- leucogeranus*
- (
- Pall.*
-). (p. 261.)

S.E. Europe.
N. & C. Asia to Japan.
China & N.W. India
(*winter*).IV. **ANTIGONE**, *Reichenb.*(Sharpe, *t. c.* p. 262.)

- 1.
- antigone*
- (
- Linn.*
-). (p. 264.)
-
- [
- A. collaris*
- (
- Bodd.*
-) (Cat. p. 262).]

N. & C. India.

- 2.
- sharpei*
- ,
- Blanf.*
- , Bull. Brit. Orn. Club, v. p. vi
-
- (1895).

Burma & Cochin China,
Malay Peninsula.

- 3.
- australasiana*
- (
- Gould*
-). (p. 265.)

E. Australia.

V. **PSEUDOGGERANUS**, *Sharpe*.(Sharpe, *t. c.* p. 266.)

- 1.
- leucauchen*
- (
- Temm.*
-). (p. 266.)

E. Siberia,
Corea, Japan.
C. China (*winter*).VI. **BUGERANUS**, *Gloger*.(Sharpe, *t. c.* p. 267.)

- 1.
- carunculatus*
- (
- Gm.*
-). (p. 267.)

S. Africa to Zambesi and
Benguela. Shoa.
Somali-land.VII. **TETRAPTERYX**, *Thunb.*(Sharpe, *t. c.* p. 268.)

- 1.
- paradisea*
- (
- Licht.*
-). (p. 268.)

S. Africa (Cape Colony
to Mashona-land and
Damara-land).

VIII. ANTHROPOIDES, *V.*

(Sharpe, Cat. B. xxiii. p. 269, 1894.)

1. *virgo* (*Linn.*). (p. 269.)

S. Europe.
C. Asia to N. China.
N. & N.E. Africa and
N.W. India (*winter*).

IX. BALEARICA, *Briss.*

(Sharpe, *t. c.* p. 272.)

1. *pavonina* (*Linn.*). (p. 272.)

W. Africa to N.E. and
Equat. Africa.

2. *regulorum* (*Benn.*).

[*chrysopelargus* (*Licht.*) (p. 274.)*]

S. Africa to the Zambesi
and Coanza rivers.

3. *gibbericeps*, *Reichen.* (p. 275.)

E. Africa.

X. *Granopsís*, *Lydekker.*

(Sharpe, *t. c.* p. 277.)

1. *hastingsiae*, *Lydekker.* (p. 277.)

S. England (Upper
Eocene).

2. *elata*, *Milne-Edw.* (p. 277.)

S. France (Oligocene).

XI. *Alcornís*, *Marsh.*

(Sharpe, *t. c.* p. 277.)

1. *nobilis*, *Marsh.* (p. 277.)

Wyoming, U.S.A.
(Eocene?).

2. *pernix*, *Marsh.* (p. 277.)

Wyoming (Eocene?).

3. *brunus*, *Marsh.* (p. 277.)

Wyoming (Eocene?).

4. *gracilis*, *Marsh.* (p. 277.)

Wyoming (Eocene?).

5. *bellus*, *Marsh.* (p. 277.)

Wyoming (Eocene?).

* Cf. Reichenow, Orn. MB. vi. p. 119 (1898).

Sub-Order II. *ARAMI*.

(Sharpe, Classif. B. p. 74, 1891.)

Family I. *ARAMIDÆ*.

(Sharpe, Cat. B. xxiii. p. 236, 1894.)

I. *ARAMUS*, *V.*(Sharpe, *t. c.* p. 237.)

- 1.
- scolopaceus*
- (
- Gm.*
-). (p. 237.)

Brazil, Guiana,
Venezuela.

- 2.
- giganteus*
- (
- Bp.*
-).

[*pictus* (*Bartr.*). (p. 238.)]Florida. C. America.
Greater Antilles.
? Ecuador.Sub-Order III. *RHINOCHETES*.

(Sharpe, Classif. B. p. 74, 1891.)

Family I. *RHINOCHETIDÆ*.

(Sharpe, Cat. B. xxiii. p. 246, 1894.)

I. *RHINOCHETUS*, *J. Verr. & Des Murs*.(Sharpe, *t. c.* p. 246.)

- 1.
- jubatus*
- ,
- J. Verr. & Des Murs*
- . (p. 246.)

New Caledonia.

Sub-Order IV. *MESÆNATIDES*.

(Sharpe, Classif. B. p. 74, 1891.)

Family I. *MESÆNATIDÆ*.

(Sharpe, Cat. B. xxiii. p. 244, 1894.)

I. *MESÆNAS*, *Reichenb.*[*Mesites*, Geoffr. nec Schönh. (Sharpe, *t. c.* p. 244).]

- 1.
- variegata*
- ,
- Geoffr.*
- (p. 244.)

Madagascar.

Sub-Order V. *EURYPYGÆ*.

(Sharpe, Classif. B. p. 74, 1891.)

Family 1. *EURYPYGIDÆ*.

(Sharpe, Cat. B. xxiii. p. 240, 1894.)

1. *EURYPYGA*, *Illiger*.

(Sharpe, *t. c.* p. 240.)

1. *helias* (*Pall.*). (p. 240.)

Brazil, Amazonia,
Bolivia, Guiana,
Venezuela.

2. *major*, *Hartl.* (p. 242.)

C. America, Colombia,
Ecuador.

Sub-Order VI. *PSOPHIÆ*.

(Sharpe, Classif. B. p. 74, 1891.)

Family 1. *PSOPHIIDÆ*.

(Sharpe, Cat. B. xxiii. p. 278, 1894.)

1. *PSOPHIA*, *Linn.*

(Sharpe, *t. c.* p. 278.)

1. *crepitans*, *Linn.* (p. 279.)

British Guiana,
Amazonia.

2. *napensis*, *Scl. & Salv.* (p. 280.)

Ecuador.

3. *leucoptera*, *Spir.* (p. 280.)

Upper Amazonia.
Peru.

4. *ochroptera*, *Pelz.* (p. 281.)

Rio Negro,
Amazonia.

5. *viridis*, *Spir.* (p. 281.)

Amazonia.

6. *obscura*, *Pelz.* (*Cf.* Finsch, Notes Leyden Mus.
xx. p. 81, 1898.)

Amazonia.

7. *cantatrix*, *Blasius.* (p. 278, note.)

Bolivia.

Sub-Order VII. *DICHOLOPHI*.

(Sharpe, Classif. B. p. 74, 1891.)

Family I. *CARIAMIDÆ*.I. *CARIAMA*, *Briss.*

(Sharpe, Cat. B. i. p. 42, 1874.)

1. *cristata*, *Linn.* (p. 42.)

Brazil, Paraguay

II. *CHUNGA*, *Burm.*(*Cariama*, pt., Sharpe, *t. c.* p. 42.)1. *burmeisteri* (*Hartl.*) (p. 43.)

N. Argentina.

Order XVII. *STEREORNITHES*.(Moreno & Mercerat, Enum. Ois. Foss. Argent.,
Rev. Argent. d'Hist. Nat. i. p. 20, 1891.)Family I. *PHORORHACIDÆ*.[*Phororhacidae*, Amegh., Bol. Inst. Geogr. Argent.
xv. pp. 10-39, 1895.]I. *Phororhacus*, *Amegh.*

(Amegh., Enum. Sist. p. 24, 1887.)

[Syn. *Palæoeiconia*, *Mesembriornis*, *Stereornis*, *Patagonis*, *Dryornis*, *Darwinornis*, *Owenornis*, *Psilopterus* (pt.), *Titanornis*, *Stephanornis*, Moreno & Mercerat: teste Ameghino, Bol. Inst. Geogr. Argent. xv. pp. 10, 11, 1895.]1. *inflatus*, *Amegh.*, Bol. Inst. Geogr. Argent. xv. Patagonia (Miocene).
p. 31 (1895).2. *longissimus*, *Amegh. t. c.* p. 39. Patagonia (Miocene).3. *schuchsis*, *Amegh. t. c.* p. 47. Patagonia (Miocene).4. *platygnathus*, *Amegh. t. c.* p. 49. Patagonia (Miocene).

5. *modicus*, *Amegh. t. c. p. 50.* Patagonia (Miocene).

6. *delicatus*, *Amegh. t. c. p. 51.* Patagonia (Miocene).

II. *Pelecanornis*, *Amegh.*

(*Amegh., Rev. Argent. H. N. i. p. 448, 1891.*)

1. *australis* (*Moreno & Mercerat.*) Patagonia (Miocene).
(*Ameghino, Bol. Inst. Geogr. Argent. xv. p. 53, 1895.*)

2. *tubulatus*, *Amegh., Bol. Inst. Geogr. Argent. xv. p. 62 (1895).* Patagonia (Miocene).

3. *minutus*, *Amegh., Rev. Argent. H. N. i. p. 449 (1891).* Patagonia (Miocene).

III. *Brontornis*, *Moreno & Mercerat.*

(*Ameghino, Bol. Inst. Geogr. Argent. xv. p. 63, 1895.*)

1. *burmeisteri*, *Mor. & Merc. (Amegh. t. c. p. 64.)* Patagonia (Miocene).

2. *platyonyx*, *Amegh. t. c. p. 69.* Patagonia (Miocene).

IV. *Uornis*, *Amegh.*

(*Amegh. t. c. p. 72, 1895.*)

1. *floweri*, *Amegh. t. c. p. 73.* Patagonia (Miocene).

V. *Callornis*, *Amegh.*

(*Amegh. t. c. p. 76, 1895.*)

1. *giganteus*, *Amegh. t. c. p. 78.* Patagonia (Miocene).

VI. *Phypsonis*, *Amegh.*

(*Amegh. t. c. p. 78, 1895.*)

1. *fortis*, *Amegh. t. c. p. 78.* Patagonia (Miocene).

VII. *Lophiornis*, *Amegh.*

(*Amegh. t. c. p. 80, 1895.*)

1. *obliquus*, *Amegh. t. c. p. 79.* Patagonia (Miocene).

VIII. *Ameghinia*.

[*Pseudolarus* (vox hybrida), Amegh., Bol. Inst.
Geogr. Argent. xv. p. 80, 1895.]

1. *corraus*, Amegh. t. c. p. 80. Patagonia (Miocene).

IX. *Staphylornis*, *Moreno & Mercet*.

(An. Soc. Argent. xliii. p. 233, 1897.)

1. *gallardoi*, Mor. & Merc. t. c. p. 233. Patagonia (Miocene)
2. *erithacus*, Mor. & Merc. t. c. p. 235. Patagonia (Miocene).

Family II. *OPISTHODACTYLIDÆ*.1. *Opisthodactylus*, Amegh.

(Amegh., Bol. Inst. Geogr. Argent. xv. p. 81, 1895.)

1. *patagonicus*, Amegh. t. c. p. 82. Patagonia (Miocene).

Order XVIII. *ARDEIFORMES*.

(*Pelargiformes*, Sharpe, Classif. B. p. 75, 1891.)

Sub-Order I. *PLATALEÆ*.

(Sharpe, Cat. B. xxvi. p. 1, 1898.)

Family I. *IBIDIDÆ*.

(Sharpe, t. c. p. 2.)

1. *IBIS*, Cuv.

(Sharpe, t. c. p. 4.)

1. *æthiopica* (Lath.). (p. 4.) Africa, E. to Persian Gulf.
2. *bernieri* (Ep.). (p. 7.) Madagascar.
3. *abbotti*, Ridgw. (p. 264.) Aldabra Isl.

4. *melanocephala* (*Lath.*). (p. 7.) Indian Peninsula, Ceylon.
Indo-Chinese countries
to China and Japan.
Java.

5. *molucca*, *Cuv.* (p. 9.) Australia,
New Guinea,
Salawati, Waigiou,
Ceram.

II. *Hibidipodia*, *Milne-Edw.*
(*Lydekker*, *Cat. Foss. B.* p. 74, 1891.)

1. *palustris*, *Milne-Edw.* (*L.*, p. 74.) France (Lower Miocene).

III. *Hibopsis*, *Lydekker.*
(*Lydekker*, *t. c.* p. 74.)

1. *hordwellensis*, *Lydekker.* (*L.*, p. 74.) England (Upper Eocene).

IV. *Protibis*, *Amegh.*
(*Amegh.*, *Rev. Argent. i.* p. 445, 1891.)

1. *ruemialis*, *Amegh. l. c.* Patagonia (Miocene).

V. *CARPHIBIS*, *Reichenb.*
(*Sharpe*, *Cat. B.* xxvi. p. 11, 1898.)

1. *spenicollis* (*Jameson*). (p. 11.) Australia.

VI. *INOCOTIS*, *Reichenb.*
(*Sharpe*, *t. c.* p. 12.)

1. *papillosa* (*Temm.*). (p. 12.) Indian Peninsula.
Borneo.

VII. *THAUMATIBIS*, *Elliot.*
(*Sharpe*, *t. c.* p. 14, note.)

1. *gigantea*, *Oust.* (p. 14, note.) Cochin China.

VIII. *GRAPTOCEPHALUS*, *Elliot.*
(*Sharpe*, *t. c.* p. 14.)

1. *davisoni* (*Hume*). (p. 14.) Burmese Provinces,
Siam, Cochin China.

IX. NIPPONIA, *Reichenb.*

(Sharpe, Cat. B. xxvi. p. 15, 1898.)

- 1.
- nippon*
- (
- Temm.*
-). (p. 15.)

S.E. Siberia,
Japan, China,
Formosa, Hainan.X. COMATIBIS, *Reichenb.*(Sharpe, *t. c.* p. 16.)

- 1.
- comata*
- ,
- Ehrenb.*
- (p. 16.)

[*eremita*, Linn. Cf. Rothschild, Hartert, and Asia Minor.
Klein Schmidt, Nov. Zool. iv. pp. 371-375, N.E. Africa.
pls. viii.-x.]XI. GERONTICUS, *Wagler.*(Sharpe, *t. c.* p. 17.)

- 1.
- calvus*
- (
- Bodd.*
-). (p. 17.)

S. Africa.

XII. BOSTRYCHIA, *Reichenb.*(Sharpe, *t. c.* p. 18.)

- 1.
- carunculata*
- (
- Rüpp.*
-). (p. 18.)

N.E. Africa.

XIII. HAGEDASHIA, *Bp.*(Sharpe, *t. c.* p. 19.)

- 1.
- hagedash*
- (
- Lath.*
-). (p. 19.)

Tropical Africa.

XIV. THERISTICUS, *Wagler.*(Sharpe, *t. c.* p. 21.)

- 1.
- melanopsis*
- (
- Gm.*
-). (p. 21.)

Central Brazil to Peru,
Chile, and the Straits
of Magellan.

- 2.
- caudatus*
- (
- Bodd.*
-). (p. 23.)

British Guiana.

XV. MOLYBDOPHANES, *Reichenb.*(Sharpe, *t. c.* p. 24.)

- 1.
- cærulescens*
- (
- V.*
-). (p. 24.)

Central Brazil to
Argentina & Paraguay.

XVI. HARPIPRION, *Wagler*.

(Sharpe, Cat. B. xxvi. p. 25, 1898.)

1. *cayennensis* (*Gm.*). (p. 25.)

S. Brazil to Guiana,
Colombia, Ecuador, and
Panama.

XVII. PHIMOSUS, *Wagler*.

(Sharpe, *t. c.* p. 26.)

1. *infuscatus* (*Licht.*). (p. 26.)

Argentina, Brazil,
N. to Colombia.

XVIII. LOPHOTIBIS, *Reichenb.*

(Sharpe, *t. c.* p. 27.)

1. *cristata* (*Bodd.*). (p. 27.)

E. & N.E. Madagascar.

XIX. CERCIBIS, *Wagler*.

(Sharpe, *t. c.* p. 28.)

1. *oxycerca* (*Spir.*). (p. 28.)

N. Amazonia,
British Guiana.

XX. PLEGADIS, *Kaup*.

(Sharpe, *t. c.* p. 29.)

1. *falcinellus* (*Linn.*). (p. 29.)

S. Europe to India,
China, and Australia.
Africa.
Eastern U. States to
Florida. Jamaica.

2. *guarauna* (*Linn.*). (p. 34.)

Oregon to Southern
U. States, throughout
S. America.
Greater Antilles.
Hawaiian Archipelago.

3. *ridgwayi* (*Allen*). (p. 37.)

Peru, Bolivia.

XXI. LAMPRIBIS, *Elliot*.

(Sharpe, *t. c.* p. 38.)

1. *rara*, *Rothsch.*, *Hartert*, & *Kleinschm.*
[*olivacea* (nec Du Bus) (p. 266).]

West Africa
(Liberia to Gaboon,
Prince's Isl.).

XXII. EUDOCIMUS, *Wagler*.

(Sharpe, Cat. B. xxvi. p. 39, 1898.)

- | | |
|--|---|
| 1. <i>albus</i> (<i>Linn.</i>). (p. 39.) | Southern U. States to
Central America,
Amazonia, and Peru.
Greater Antilles. |
| 2. <i>ruber</i> (<i>Linn.</i>). (p. 41.) | Upper Amazonia.
Guiana to Greater Antilles
and Southern U. States. |
| 3. <i>paganus</i> (<i>Milne-Edw.</i>). (Lydekker, Cat. Foss. B.
p. 72.) | France (Lower Miocene). |

Family II. PLATALEIDÆ.

(Sharpe, Cat. B. xxvi. p. 43, 1898.)

I. PLATALEA, *Linn.*

(Sharpe, t. c. p. 43.)

- | | |
|---|--|
| 1. <i>leuceroia</i> , <i>Linn.</i> (p. 44.) | C. & S. Europe to C. Asia.
Japan, China,
Indian Peninsula.
E. Africa. |
| 2. <i>regia</i> , <i>Gould.</i> (p. 47.) | Australia to the Moluccas-
? S. Borneo. |
| 3. <i>alba</i> , <i>Scop.</i> (p. 49.) | Tropical Africa.
Madagascar. |
| 4. <i>minor</i> , <i>Temm. & Schl.</i> (p. 50.) | Corea, Japan,
China, Formosa. |

II. PLATIBIS, *Bp.*

(Sharpe, t. c. p. 51.)

- | | |
|---|---------------------------|
| 1. <i>flavipes</i> (<i>Gould.</i>). (p. 51.) | Australia |
| 2. <i>subtenuis</i> , <i>De Vis</i> , Proc. Linn. Soc. N.S.W. (2)
vi. p. 443 (1892). | Queensland (Pleistocene). |

III. **AJAJA**, *Reichenb.*

(Sharpe, Cat. B. xxvi. p. 52, 1893.)

1. **ajaja** (*Linn.*). (p. 52.)

S.E. United States.
Central & S. America to
Argentina.

Sub-Order II. **CICONIÆ**.

(Sharpe, Classif. B. p. 75, 1891.)

Family I. **CICONIIDÆ**.

(Sharpe, Cat. B. xxvi. p. 291, 1893.)

Sub-Family I. **TANTALINÆ**.

(Sharpe, *t. c.* p. 321.)

I. **TANTALUS**, *Linn.*

(Sharpe, *t. c.* p. 321.)

1. **loculator**, *Linn.* (p. 321.)

S. United States.
O. & S. America.

II. **PSEUDOTANTALUS**, *Ridgway*.

(Sharpe, *t. c.* p. 323.)

1. **leucocephalus** (*Gm.*). (p. 323.)

Indian Peninsula,
Indo-Chinese countries,
China.

2. **cinereus** (*Raffl.*). (p. 326.)

Malay Peninsula,
Java, Sumatra.

3. **ibis** (*Linn.*). (p. 327.)

Tropical Africa,
Madagascar.

4. **milne-edwardsi**, *Shufeldt*, Proc. Acad. Nat. Sci.
Philad. 1896, p. 513.

France (Middle Miocene).

Sub-Family II. *CICONINÆ*.

(Sharpe, Cat. B. xxvi. p. 291, 1898.)

I. *ABDIMIA*, *Bp.*(Sharpe, *t. c.* p. 292.)1. *abdimi* (*Licht.*). (p. 292.)Tropical Africa.
Arabia, Spain.II. *DISSÖURA*, *Cab.*(Sharpe, *t. c.* p. 294.)1. *episcopus* (*Bodd.*). (p. 294.)Tropical Africa.
Indian Peninsula,
Ceylon, Indo-Chinese
countries,
Malay Peninsula,
Indo-Malayan Is.,
Celebes.2. *stormi* (*W. Blasius*, MT. Ges. Lübeck, 1896,
p. 120).

S. Borneo.

III. *EUXENURA*, *Ridgway.*(Sharpe, *t. c.* p. 297.)1. *maguari* (*Gm.*). (p. 297.)

S. America.

IV. *CICONIA*, *Briss.*(Sharpe, *t. c.* p. 298.)1. *ciconia* (*Linn.*). (p. 299.)Europe to C. Asia.
Africa (*winter*).
N. India (*winter*).2. *boyciana*, *Ewinh.* (p. 302.)E. Siberia,
Corea, Japan.3. *nigra* (*Linn.*). (p. 303.)[*chrysopelargus*, *Licht.* Cf. *Reichen. Orn.*
MB. vi. p. 119, 1898.]Europe to Mongolia
and China.
Indian Peninsula (*winter*).
Africa (*winter*).

V. **ANASTOMUS**, *Bonn.*

(Sharpe, *Cat. B.* xxvi. p. 306, 1898.)

- | | |
|---|--|
| 1. oscitans (<i>Bodd.</i>). (p. 306.) | Indian Peninsula,
Ceylon, Cochin China. |
| 2. lamelligerus , <i>Temm.</i> (p. 308.) | Tropical Africa.
Madagascar. |

VI. **XENORHYNCHUS**, *Bp.*

(Sharpe, *t. c.* p. 310.)

- | | |
|--|---|
| 1. asiaticus (<i>Lath.</i>). (p. 310.) | Indian Peninsula,
Burma,
Malay Peninsula,
New Guinea,
N. Australia. |
| 2. nanus , <i>De Vis.</i> (p. 310, note.) | Queensland
(Pleistocene). |

VII. **EPHIPPIORHYNCHUS**, *Bp.*

(Sharpe, *t. c.* p. 312.)

- | | |
|---|------------------|
| 1. senegalensis (<i>Shaw</i>). (p. 312.) | Tropical Africa. |
|---|------------------|

VIII. **MYCTERIA**, *Linn.*

(Sharpe, *t. c.* p. 314.)

- | | |
|--|-------------------------------------|
| 1. americana , <i>Linn.</i> (p. 314.) | S. America.
Mexico, N. to Texas. |
|--|-------------------------------------|

IX. **LEPTOPTILUS**, *Less.*

(Sharpe, *t. c.* p. 315.)

- | | |
|--|--|
| 1. dubius (<i>Gm.</i>). (p. 315.) | Indian Peninsula,
Indo-Chinese countries. |
| 2. javanicus (<i>Horsf.</i>). (p. 317.) | Indian Peninsula,
Ceylon, Indo-Chinese
countries to Hainan.
Malayan Peninsula,
Greater Sunda Is. |
| 3. crumeniferus (<i>Less.</i>). (p. 319.) | Tropical Africa. |

4. *falconeri* (*Milne-Edw.*). (*Lydekker, Cat. Foss. B. India (Lower Pliocene).*
p. 63, 1891.)

X. *Propelargus, Lydekker.*

(*Lydekker, Cat. Foss. B. p. 65.*)

1. *caplurensis, Lydekker, t. c. p. 66.* France (Upper Eocene).
2. *sp., Lydekker, t. c. p. 66.* France (Lower Miocene).

XI. *Prociconia, Amegh.*

(*Amegh., Rev. Argent. i. p. 445, 1891.*)

1. *Lydekkeri, Amegh. l. c.*
[*Palæociconia australis, Lydekker, Cat. Foss. B. S. Brazil (Pleistocene).*
p. 64, 1891 (*nec* Moreno).]

XII. *Palacopelargus, De Vis.*

(*De Vis, Proc. Linn. Soc. N.S.W. (2) vi. p. 441, 1892.*)

1. *nobilis, De Vis, l. c.* Queensland (Pleistocene).

XIII. *Pelargodes, Lydekker.*

[*Pelargopsis (nec Gloger), Lydekker, Cat. Foss. B. p. 67, 1891.*
Pelargodes, Lydekker, P. Z. S. 1891, p. 477.
Pelargocrex, Milne-Edw. Bull. B. O. C. i. p. liv, 1893.]

1. *magna (Milne-Edw.) (L., p. 68.)* France (Lower Miocene).

XIV. *Amphipelargus, Lydekker.*

(*Lydekker, t. c. p. 68.*)

1. *majori, Lydekker, t. c. p. 69.* Isl. of Samos
(Pliocene).

Sub-Order III. *SCOPI.*

(Sharpe, *Classif. B.* p. 75, 1891.)

Family I. *SCOPIDÆ.*

(Sharpe, *Cat. B.* xxvi. p. 288, 1898.)

I. *SCOPUS*, *Gm.*

(Sharpe, *t. c.* p. 288.)

1. *umbretta*, *Gm.* (p. 288.)

Tropical Africa
Arabia,
Madagascar.

Sub-Order IV. *BALÆNICIPITES.*

(Sharpe, *Classif. B.* p. 75, 1891.)

Family I. *BALÆNICIPITIDÆ.*

(Sharpe, *Cat. B.* xxvi. p. 287, 1898.)

I. *BALÆNICEPS*, *Gould.*

(Sharpe, *t. c.* p. 287.)

1. *rex*, *Gould.* (p. 287.)

Upper White Nile.

Sub-Order V. *ARDEÆ.*

(Sharpe, *Classif. B.* p. 75, 1891.)

Family I. *ARDEIDÆ.*

(Sharpe, *Cat. B.* xxvi. p. 56, 1898.)

I. *PYRRHERODIAS*, *Finsch & Hartl.*, *Vög. Ost-Afr.* p. 676 (1870).

[*Phoyx*, *Stejn.* (Sharpe, *t. c.* p. 60.)]

1. *purpurea* (*Linn.*). (p. 60.)

Europe to C. Asia.
Africa.
Madagascar.

2. *manillensis* (*Meyen*). (p. 64.) Indian Peninsula,
Ceylon, China,
Malay Peninsula,
Greater Sunda Is.,
Celebes.

II. ARDEA, *Linn.*

(Sharpe, Cat. B. xxvi. p. 66, 1898.)

1. *goliath*, *Cretzschm.* (p. 66.) Tropical Africa.
India (*occ.*).
2. *sumatrana*, *Raffl.* (p. 68.) Aracan, Tenasserim,
Malay Peninsula,
Sunda Is., Celebes,
Australia.
3. *insignis*, *Hume.* (p. 70.) E. Himalayas.
4. *humbloti*, *Milne-Edw. & Grand.* (p. 70.) E. Madagascar.
5. *melanocephala*, *Vig. & Childr.* (p. 70.) Tropical Africa.
Mediterranean countries
(*occ.*).
6. *cocoi*, *Linn.* (p. 72.) S. America.
7. *cinerea*, *Linn.* (p. 74.) Europe. Asia. Africa.
Australia.
8. *herodias*, *Linn.* (p. 80.) N. America, C. America,
W. Indies, Venezuela,
Colombia, Galapagos Is.
9. *wuerdemanni*, *Baird.* (p. 80, note.) S. Florida.
10. *wardi*, *Ridgw.* (p. 80, note.) Florida.
11. *occidentalis*, *Audub.* (p. 84.) S. Florida,
Greater Antilles.
12. *perplura*, *Milne-Edw.* (*Lydekker*, Cat. Foss.
B. p. 60.) France (Middle Miocene).
13. *similis*, *Fraas.* (L., p. 60.) Bavaria (Middle Miocene).
14. *palaeccidentalis*, *Shufeldt*, Journ. Acad. Nat. Sci.
Philad. ix. p. 411, pl. xvii. fig. 31 (1892). Oregon (Pliocene).
15. *mergarephala*, *Milne-Edw.*, Ann. Sci. Nat. (5) xix.
p. 10, pl. xiv. (1874). Rodriguez (Pleistocene).

16. *omissa*, *Milne-Edw.*, C. R. II. Congr. Orn. ii. p. 73 S. France (Eocene).
(1892).

III. *Ardeacites*, *Haushalter*.

(Lydekker, Cat. Foss. B. p. 363, 1891.)

1. *molassicus*, *Haush.* (L., p. 363.) Germany (Middle Miocene).

IV. *Proherodius*, *Lydekker*.

(Lydekker, Cat. Foss. B. p. 60, 1891.)

1. *oweni*, *Lydekker*, l. c. p. 60. England (Lower Eocene).

V. *MESOPHOYX*, *Sharpe*.

(Sharpe, Cat. B. xxvi. p. 85, 1898.)

1. *intermedia*, *Wagl.* (p. 85.) Indian Peninsula,
China, Japan,
Malayan Archipelago.
2. *brachyrhyncha* (*Brehm*). (p. 87.) N.E. Africa to
S. Africa.
3. *plumifera* (*Gould*). (p. 87.) Australia, New Guinea.
Moluccas, Celebes.

VI. *HERODIAS*, *Boie*.

(Sharpe, t. c. p. 88.)

1. *alba* (*Linn.*). (p. 90.) S. Europe to C. Asia.
Indian Peninsula,
Burmese countries.
Africa.
2. *egretta* (*Wilson*). (p. 95.) N. & S. America.
3. *timoriensis*, *Less.* (p. 98.) N. China & Japan to
Australia.

VII. *FLORIDA*, *Baird*.

(Sharpe, t. c. p. 100.)

1. *cærulea* (*Linn.*). (p. 100.) E. United States,
C. America, West Indies,
Colombia, Ecuador,
Guiana, Brazil.

VIII. MELANOPHOYX, *Sharpe*.

(Sharpe, Cat. B. xxvi. p. 104, 1898.)

- | | |
|---|--------------------------|
| 1. <i>ardesiaca</i> (<i>Wagler</i>). (p. 104.) | Tropical Africa. |
| 2. <i>vinaceigula</i> , <i>Sharpe</i> . (p. 105.) | S.E. Africa (Transvaal). |

IX. DICHROMANASSA, *Ridgw.*(Sharpe, *t. c.* p. 106.)

- | | |
|--|--|
| 1. <i>rufa</i> (<i>Bodd.</i>). (p. 106.) | S. United States to
Guatemala.
Greater Antilles. |
|--|--|

X. NOTOPHOYX, *Sharpe*.(Sharpe, *t. c.* pp. 109, 271.)

- | | |
|---|--|
| 1. <i>novæ-hollandiæ</i> (<i>Lath.</i>). (p. 109.) | Australia,
New Zealand,
New Caledonia,
New Guinea,
Moluccas. |
| 2. <i>pacifica</i> (<i>Lath.</i>). (p. 111.) | Australia. |
| 3. <i>flavirostris</i> , <i>Sharpe</i> . (p. 654.)
[<i>picata</i> , Gould, nec <i>Raffl.</i> (p. 112.)] | N. Australia,
New Guinea,
Aru Is., Tenimber Is.,
Amboina,
Celebes. |
| 4. <i>aruensis</i> (<i>Gray</i>). (p. 113.) | Aru Is. |

XI. LEPTERODIUS, *Hempr. & Ehr.*(Sharpe, *t. c.* p. 114.)

- | | |
|--|---|
| 1. <i>gularis</i> (<i>Bosc</i>). (p. 114.) | Tropical Africa,
Madagascar. |
| 2. <i>asha</i> (<i>Sykes</i>). (p. 116.) | Coasts of W. Indian
Ocean, from Persian
Gulf to Ceylon. |

XII. GARZETTA, *Kaup.*

(Sharpe, Cat. B. xxvi. p. 118, 1898.)

1. *garzetta* (*Linn.*). (p. 118.)

S. Europe to C. Asia.
Indian Peninsula,
China, Japan,
Malay Peninsula and
Archipelago.
Africa.

2. *nigripes* (*Temm.*). (p. 122.)

Java, Malay Archipelago.
Australia.

XIII. LEUCOPHOYX, *Sharpe.*

(Sharpe, *t. c.* p. 124.)

1. *candidissima* (*Gm.*). (p. 124.)

Temperate N. America,
C. & S. America to Chile
and Argentina.

XIV. HYDRANASSA, *Baird.*

(Sharpe, *t. c.* p. 126.)

1. *tricolor* (*P. L. S. Müll.*). (p. 126.)

Guiana, Brazil.
? Venezuela.

2. *ruficollis* (*Gosse*). (p. 127.)

Temperate E. N. America
to C. America.
West Indies.

XV. NYCTANASSA, *Reichenb.*

(Sharpe, *t. c.* p. 130.)

1. *violacea* (*Linn.*). (p. 130.)

E. N. America,
C. America,
West Indies,
S. America to Brazil.

2. *pauper* (*Scl. & Salv.*). (p. 134.)

Galapagos Is.

XVI. AGAMIA, *Reichenb.*

(Sharpe, *t. c.* p. 135.)

1. *agami* (*Gm.*). (p. 135.)

C. America, from Mexico
to Panama,
Colombia, Guiana,
Amazonia, Peru.

XVII. **DEMIEGRETТА**, *Blyth*.

(Sharpe, Cat. B. xxvi. p. 136, 1898.)

- 1.
- sacra**
- (
- Gm.*
-). (p. 137.)

Coasts of Bay of Bengal
to Australia & Oceania,
N. to Japan & Corea.XVIII. **NYCTICORAX**, *Rafin.*

(Sharpe, t. c. p. 145.)

- 1.
- nycticorax**
- (
- Linn.*
-). (p. 146.)

C. & S. Europe to
Indian Peninsula,
China, and Japan.
Malay Peninsula.
Greater Sunda Is. to
Celebes.
Africa.
N. & C. America to
Colombia & Ecuador.

- 2.
- tayazu-guira**
- (
- V.*
-). (p. 155.)

C. Brazil and Peru to
Chile, Patagonia, and
Falkland Is.

- 3.
- cyancephalus**
- (
- Mol.*
-). (p. 156.)

Chile to Str. of Magellan.

- 4.
- leuconotus**
- (
- Wagler*
-). (p. 157.)

Tropical Africa.

- 5.
- caledonicus**
- (
- Gm.*
-). (p. 158.)

Australia,
Admiralty Is., Pelew Is.,
Celebes.

- 6.
- crassirostris**
- ,
- Vig.*
- (p. 161.)

Bonin Is.

- 7.
- mandibularis**
- ,
- Ogilvie Grant.*
- (p. 161.)

Solomon Is.,
Bismarck Archipelago.

- 8.
- manillensis**
- ,
- Vig.*
- (p. 162.)

Philippine Is.,
N. Borneo,
W. Celebes.XIX. **CANCHROMA**, *Linn.*

(Sharpe, t. c. p. 162.)

- 1.
- cochlearia**
- ,
- Linn.*
- (p. 163.)

S. Brazil,
Amazonia, Guiana,
Colombia, Ecuador.

- 2.
- zeledoni**
- ,
- Ridgw.*
- (p. 165.)

Mexico to Panama.

XX. GORSACHIUS, *Bp.*

(Sharpe, Cat. B. xxvi. p. 166, 1898.)

- | | |
|---|---|
| 1. <i>melanolophus</i> (<i>Raffl.</i>). (p. 166.) | Assam to Hainan,
Formosa,
S. to Malay Peninsula,
Greater Sunda Is.,
S. India, Ceylon. |
| 2. <i>goisagi</i> (<i>Temm.</i>). (p. 169.) | Japan.
Formosa (<i>winter</i>),
Philippine Is. (<i>winter</i>). |

XXI. SYRIGMA, *Ridgway.*

(Sharpe, *t. c.* p. 170.)

- | | |
|--|---------------------|
| 1. <i>cyanocephalum</i> (<i>L.</i>). (p. 170.) | S. Brazil, Uruguay. |
|--|---------------------|

XXII. PILERODIUS, *Bp.*

(Sharpe, *t. c.* p. 171.)

- | | |
|--|------------------------------|
| 1. <i>pileatus</i> (<i>Bodd.</i>). (p. 171.) | Brazil, Amazonia,
Guiana. |
|--|------------------------------|

XXIII. BUTORIDES, *Blyth.*

(Sharpe, *t. c.* p. 172.)

- | | |
|--|--|
| 1. <i>atricapilla</i> (<i>Afzel.</i>). (p. 172.) | Tropical Africa,
Madagascar. |
| 2. <i>brevipes</i> (<i>Hempr. & Ehr.</i>). (p. 278.) | Red Sea,
Socotra,
Arabia to Muscat. |
| 3. <i>striata</i> (<i>Linn.</i>). (p. 175.) | S. America
(Colombia to Guiana,
Amazonia, Peru,
Brazil, Argentina). |
| 4. <i>robinsoni</i> , <i>Richm.</i> (p. 279.) | Margarita Isl. |
| 5. <i>javanica</i> (<i>Horsf.</i>). (p. 177.) | Indian Peninsula,
Ceylon, S. China,
Malay Peninsula,
Philippine Is.,
Greater Sunda Is.,
Celebes.
Mascarene Is. |

- | | |
|--|---|
| 6. <i>amurensis</i> (<i>Schrenck</i>). (p. 181.) | Amur-land,
Japan, China.
Philippines (<i>winter</i>),
Greater Sunda Is. (<i>winter</i>),
Celebes (<i>winter</i>). |
| 7. <i>spodiogaster</i> , <i>Sharpe</i> . (p. 182.) | Andaman Is.,
Nicobar Is. |
| 8. <i>stagnatilis</i> (<i>Gould</i>). (p. 183.) | Australia. Oceania.
Solomon Is.,
New Guinea, Moluccas,
Lesser Sunda Is. |
| 9. <i>sundevalli</i> , <i>Reichen</i> . (p. 185.) | Galapagos Is. |
| 10. <i>virescens</i> (<i>Linn.</i>). (p. 186.) | N. & C. America,
Venezuela,
West Indies. |
| 11. <i>frazari</i> , <i>Brewster</i> .
[<i>virescens</i> , pt., p. 186.] | Lower California. |
| 12. <i>anthonyi</i> , <i>Mearns</i> . (p. 280.) | S.W. United States to
Mexico. |
| 13. <i>bahamensis</i> , <i>Brewster</i> .
[<i>virescens</i> , pt., p. 186.] | Bahamas. |
| 14. <i>saturatus</i> , <i>Ridgw.</i>
[<i>virescens</i> , pt., p. 186.] | Swan Isl.,
Caribbean Sea. |
| 15. <i>brunnescens</i> , <i>Ridgw.</i> (p. 280.) | Cuba. |
| 16. <i>mauritianus</i> , <i>E. Newt. & Gadow</i> , Tr. Z. S. xiii.
p. 289 (1893). | Mauritius (Pleistocene). |

XXIV. *TIGRORNIS*, *Sharpe*.

(Sharpe, Cat. B. xxvi. p. 191, 1893.)

- | | |
|--|------------|
| 1. <i>leucolopha</i> (<i>Jard.</i>). (p. 191.) | W. Africa. |
|--|------------|

XXV. *ZCNERODIUS*, *Salvad.*

(Sharpe, t. c. p. 192.)

- | | |
|--|---------------------------------------|
| 1. <i>heliosylus</i> (<i>Less.</i>). (p. 192.) | New Guinea,
Salawati.
? Aru Is. |
|--|---------------------------------------|

* Professor Ridgway considers that this and the following forms are all really distinct. My belief is that all of them will be found to be identical with *B. virescens*.

XXVI. TIGRISOMA, Swains.

(Sharpe, Cat. B. xxvi. p. 193, 1898.)

- | | |
|--|---|
| 1. <i>lineatum</i> (Bodd.). (p. 194.) | Trinidad,
Guiana, Amazonia,
Ecuador, Peru,
Panama. |
| 2. <i>excellens</i> , Ridgw. (p. 193, note.) | Costa Rica,
Honduras. |
| 3. <i>marmoratum</i> (L.). (p. 195.) | Paraguay,
Argentina. |
| 4. <i>bahiaë</i> , Sharpe. (p. 196.) | Bahia. |
| 5. <i>fasciatum</i> (Such). (p. 196.) | S.E. Brazil. |
| 6. <i>salmoni</i> , Sel. & Salv. (p. 197.) | Colombia,
Ecuador, Peru. |

XXVII. HETEROCNUS, Sharpe.

(Sharpe, t. c. p. 198.)

- | | |
|---------------------------------------|-------------------|
| 1. <i>cabanisi</i> (Heine). (p. 198.) | Mexico to Panama. |
|---------------------------------------|-------------------|

XXVIII. ERYTHROCNUM, Sharpe.

(Sharpe, t. c. p. 200.)

- | | |
|--|--|
| 1. <i>rufiventris</i> (Sunder.). (p. 200.) | S. Africa to the Zambesi
and Damara-land. |
|--|--|

XXIX. ARDEOLA, Boie.

(Sharpe, t. c. p. 201.)

- | | |
|--|--|
| 1. <i>ralloides</i> (Scop.). (p. 202.) | Mediterranean countries
to the Caspian Sea.
Africa. |
| 2. <i>idæ</i> (Hartl.). (p. 206.) | Madagascar. |
| 3. <i>grayi</i> (Sykes). (p. 207.) | Persian Gulf,
Indian Peninsula,
Ceylon,
Indo-Chinese countries,
Malay Peninsula. |

4. *bacchus* (*Bp.*). (p. 211.)
E. Siberia,
Japan, China, Burma,
Andaman Is.,
Malay Peninsula,
Borneo.

5. *speciosa* (*Horsf.*). (p. 212.)
Greater Sunda Is.,
Celebes.

XXX. BUBULCUS, *Bp.*

(Sharpe, Cat. B. xxvi. p. 213, 1898.)

1. *lucidus* (*Rafin.*). (p. 213.)
S. Europe to C. Asia.
Africa.
Madagascar.
Mascarene Is.
2. *coromandus* (*Bodd.*). (p. 217.)
E. Siberia,
Corea, China,
Indian Peninsula,
Ceylon,
Indo-Chinese countries,
S. to Celebes & Moluccas.

XXXI. ARDETTA, *Gray.*

(Sharpe, *t. c.* p. 220.)

1. *minuta* (*Linn.*). (p. 222.)
C. & S. Europe to
C. Asia & N.W. India.
Africa (*winter*).
2. *päyesi*, *Verr.* (*Cf.* O. Neumann, J. f. O. 1898,
pp. 282-284.)
Tropical Africa.
3. *podicipes* (*Bp.*). (p. 225.)
E. Africa.
Madagascar.
4. *sinensis* (*Gm.*). (p. 227.)
Japan, Corea, China,
Indian Peninsula,
Indo-Chinese countries,
Malay Peninsula and
islands to Australia
(*winter*).
5. *exilis* (*Gm.*). (p. 231.)
N. & C. America
to Panama.
Greater Antilles.
6. *neoxena*, *Cory.* (p. 233.)
E. N. America,
Florida, N. to Ontario.

7. *erythromelas* (*V.*). (p. 234.) Panama to Peru,
Guiana, & S. Brazil.

8. *pusilla* (*V.*). (p. 234.) Australia,
New Zealand.

9. *involucris* (*V.*). (p. 235.) S. Brazil, Chile,
Patagonia,
Guiana.

10. *cinnamomea* (*Gm.*). (p. 236.) E. Siberia, China
Indian Peninsula,
Indo-Malayan Subregion
Celebes (*winter*).

XXXII. ZEBRILUS, *Bp.*

(Sharpe, Cat. B. xxvi. p. 241, 1898.)

1. *pumilus* (*Bodd.*). (p. 241.) Guiana,
Brazil.

XXXIII. NANNOCNUS, *Stejn.*

(Sharpe, *t. c.* p. 242.)

1. *eurythmus* (*Swinh.*). (p. 242.) E. Siberia,
Japan, China,
Borneo, Celebes.

XXXIV. ARDEIRALLUS, *Sharpe.*

(Sharpe, *t. c.* p. 244.)

1. *sturmi* (*Wagler*). (p. 244.) Tropical Africa.
Canary Is.

XXXV. DUPETOR, *Heine & Reichen.*

(Sharpe, *t. c.* p. 246.)

1. *flavicollis* (*Lath.*). (p. 247.) S. & C. China,
Indian Peninsula,
Ceylon,
Indo-Chinese countries,
Malay Peninsula,
Greater Sunda Is.,
Celebes.

2. *gouldi* (*Bp.*). (p. 250.) Australia.

- | | |
|---|--|
| 3. <i>nesophilus</i> (<i>Sharpe</i>). (p. 250.) | Bismarck Archipelago. |
| 4. <i>melas</i> (<i>Salvad.</i>). (p. 251.) | Molucca Is.
(Buru, Amboina,
Batchian, Halmahéra),
Sangi Is. |

XXXVI. *ERYTHROPHOYX*, *Sharpe*.
(*Sharpe*, Cat. B. xxvi. p. 252, 1893.)

- | | |
|---|-----------------------------------|
| 1. <i>woodfordi</i> (<i>Ogilvie Grant</i>). (p. 252.) | Solomon Is. |
| 2. <i>prætermisssa</i> (<i>Sharpe</i>). (p. 253.) | Molucca Is.
(Batchian, Ceram). |

XXXVII. *BOTAURUS*, *Briss.*
(*Sharpe*, t. c. p. 253.)

- | | |
|---|--|
| 1. <i>stellaris</i> (<i>Linn.</i>). (p. 253.) | Temperate Palæarctic
Region.
N.W. India,
Burma. |
| 2. <i>capensis</i> (<i>Schl.</i>). (p. 258.) | S. Africa. |
| 3. <i>pœciloptilus</i> (<i>Wagler</i>). (p. 258.) | Australia,
New Caledonia,
New Zealand. |
| 4. <i>lentiginosus</i> (<i>Mont.</i>). (p. 259.) | N. & C. America,
Europe (<i>acc.</i>). |
| 5. <i>pinnatus</i> (<i>Wagler</i>). (p. 262.) | Brazil to Guiana,
Nicaragua. |

INCERTÆ SEDIS.

- I. *Tapinopus*, *Milne-Edw.*
(*Milne-Edwards*, C. R. II. Congr. Orn. ii. p. 79, 1892.)
- | | |
|--|---------------------------|
| 1. <i>elliotti</i> , <i>Milne-Edw. t. c.</i> | S. France (Upper Eocene). |
|--|---------------------------|

Order XIX. PHÆNICOPTERIFORMES.

(Sharpe, Classif. B. p. 76, 1891.)

Family I. PHÆNICOPTERIDÆ.

(Salvad. Cat. B. xxvii. p. 8, 1895.)

I. PHÆNICOPTERUS, *Linn.*

(Salvad. t. c. p. 9.)

1. *ruber*, *Bonn.* (p. 9.)

Tropical & Sub-tropical
N. & S. America.

2. *roseus*, *Pall.* (p. 12.)

S. Europe to Central
Asia & Lake Baikal.
Indian Peninsula.
Africa.

3. *chilensis*, *Mol.* (p. 16.)

Southern S. America to
Uruguay, Chile, and
Peru.

4. *ropei*, *Shufeldt*, J. Acad. Nat. Sci. Philad. xi.
p. 410 (1892).

Oregon (Pliocene).

5. *roiperti*, *Gervais* (Lydekker, Cat. Foss. B. p. 78).

France (Lower Miocene).

6. *sp.*, *Milne-Edw.*

II. PHÆNICONAIAS, *Gray.*

(Salvad. t. c. p. 18.)

1. *minor* (*Geoffr.*). (p. 18.)

S. to N.E. Africa.
Madagascar.
N.W. India.

III. PHÆNICOPARRUS, *Bp.*

(Salvad. t. c. p. 21.)

1. *andinus*, *Philippi.* (p. 21.)

Chilian Andes.

2. *jamesi*, *Scl.* (p. 22.)

Andes of Chile & Peru.

IV. *Scaniornis*, *Dames.*

1. *lundgreni*, *Dames*, Bihang till K. Sv. Vet.-Akad.
Handl. xvi. Afd. iv. no. 1 (1890).

Denmark (Upper
Cretaceous).

V. *Elornis*, Aymard.

(Lydekker, Cat. Foss. B. p. 80, 1891.)

- | | |
|---|-------------------------|
| 1. <i>littoralis</i> , Aymard. (Lyd., p. 80.) | France (Lower Miocene). |
| 2. <i>grandis</i> , Aymard. (Lyd., p. 80.) | France (Lower Miocene). |
| 3. <i>anglicus</i> , Lydekker. (Lyd., p. 80.) | England (Upper Eocene). |
| 4. <i>sp.</i> (Lyd., p. 81.) | England (Upper Eocene). |

VI. *Palaeolodius*, Milne-Edw.

(Lydekker, Cat. Foss. B. p. 81, 1891.)

- | | |
|--|-----------------------------------|
| 1. <i>steinheimensis</i> , Fraas. (Lyd., p. 82.) | Bavaria (Middle Miocene). |
| 2. <i>crassipes</i> , Milne-Edw. (Lyd., p. 82.) | France (Lower Miocene). |
| 3. <i>sp.</i> (Lyd., p. 83.) | France (Lower Miocene). |
| 4. <i>ambiguus</i> , Milne-Edw. (Lyd., p. 83.) | France & Germany (Lower Miocene). |
| 5. <i>gracilipes</i> , Milne-Edw. (Lyd., p. 90.) | France (Lower Miocene). |
| 6. <i>minutus</i> , Milne-Edw. (Lyd., p. 92.) | France (Lower Miocene). |
| 7. <i>goliath</i> , Milne-Edw. (Lyd., p. 95.) | France (Lower Miocene). |

FAM. IGN.

I. *Agnopterus*, Milne-Edw.(Lydekker, *t. c.* p. 96.)

- | | |
|--|-------------------------|
| 1. <i>laurillardii</i> , Milne-Edw. (Lyd., p. 95.) | France (Upper Eocene). |
| 2. <i>hantonensis</i> , Lydekker. (Lyd., p. 96.) | England (Upper Eocene). |

Order XX. ANSERIFORMES.

(Sharpe, Classif. B. p. 76, 1891.)

Family I. ANATIDÆ.

(Salvad. Cat. B. xxvii. p. 23, 1895.)

Sub-Family I. CYGNINÆ.

(Salvad. t. c. p. 24.)

1. CYGNUS, *Bechst.*

(Salvad. t. c. p. 25.)

1. *cygnus* (*Linn.*).

[*musicus*, *Bechst.* (p. 26.)]

Arctic Europe & Asia.

Iceland.

C. Asia (*winter*).

China & Japan (*winter*).

2. *bewicki*, *Farr.* (p. 29.)

Arctic Europe & Asia.

W. Europe (*winter*).

Siberia, China & Japan

(*winter*).

3. *davidi*, *Swinh.* (p. 25, note.)*

N. China.

4. *columbianus* (*Ord.*) (p. 32.)

N.E. Siberia.

N. America.

United States (*winter*).

5. *buccinator*, *Richards.* (p. 33.)

Western N. America.

6. *olor*, *Gm.* (p. 35.)

N. & C. Europe to C. Asia.

N.W. India (*winter*).

Caspian & Mediterranean

Seas (*winter*).

7. *melanocoryphus* (*Mol.*) (p. 39.)

Southern S. America.

8. *pallorogonus*, *Shufeldt*, *J. Acad. Nat. Sci.*

Philad. ix. p. 409 (1892).

Oregon (Pliocene).

9. *falconerri*, *Parker.* (*Lyd.*, *Cat. Foss. B.* p. 108.)

Malta (Pleistocene).

10. *sp.* (*Lyd.*, p. 110.)

Malta (Pleistocene).

11. *herenthalsi*, *Van Beneden*, *Bull. Acad. Belg.*

xxxii. p. 217 (1871).

Belgium (Pliocene).

12. *sp.*, *Purdie*, *Tr. N. Z. Inst.* iii. p. 100 (1871).

New Zealand

(Pleistocene).

* [*bewicki*, *juv.*, *Bianchi in litt.*]

II. **CHENOPSIS**, *Wagler*.

(Salvad. Cat. B. xxvii. p. 41, 1895.)

- 1.
- atrata*
- (
- Lath.*
-). (p. 41.)

Australia.

Sub-Family II. *ANSERANATINÆ*.

(Salvad. Cat. B. xxvii. p. 44, 1895.)

III. **ANSERANAS**, *Less.*

(Salvad. t. c. p. 44.)

- 1.
- semipalmata*
- (
- Lath.*
-). (p. 44.)

Australia.
Tasmania.Sub-Family III. *PLECTROPTERINÆ*.

(Salvad. t. c. p. 45.)

IV. **PLECTROPTERUS**, *Steph.*

(Salvad. t. c. p. 46.)

- 1.
- rueppelli*
- ,
- Scl.*
- (p. 47.)

N.E. & Equat. Africa.

- 2.
- gambensis*
- (
- Linn.*
-). (p. 48.)

W. & E. Africa.

- 3.
- niger*
- ,
- Scl.*
- (p. 50.)

S.E. Africa.

- 4.
- scioanus*
- ,
- Salvad.*
- (p. 51.)

Shoa, N.E. Africa.

V. **CAIRINA**, *Fleming*.

(Salvad. t. c. p. 51.)

- 1.
- moschata*
- (
- Linn.*
-). (p. 51.)

C. America.
Tropical S. America.VI. **SARCIDIORNIS**, *Eyton*.

(Salvad. t. c. p. 54.)

- 1.
- melanonota*
- (
- Penn.*
-). (p. 54.)

Indian Peninsula,
Ceylon, Burma.
Tropical Africa.
Madagascar.

- 2.
- carunculata*
- (
- Licht.*
-). (p. 59.)

Brazil, Argentina.

- 3.
- mauritianus*
- ,
- E. Newt. & Gadow*
- , Tr. Z. S.
-
- xiii. p. 290 (1893).

Mauritius (Pleistocene).

VII. ASARCORNIS, *Salvad.*

(*Salvad. Cat. B. xxvii. p. 59, 1895.*)

1. *scutulata* (*S. Müll.*). (p. 60.) Sumatra, Java.
2. *leucoptera* (*Blyth*). (p. 60, pt.)
[*Cf. Oates, Man. Game-Birds India, ii. p. 139* Assam to Malay Peninsula.
(1899).]

VIII. RHODONESSA, *Reichenb.*

(*Salvad. t. c. p. 61.*)

1. *caryophyllacea* (*Lath.*). (p. 61.) Indian Peninsula (Dacca, Behar, &c.).

IX. PTERONETTA, *Salvad.*

(*Salvad. t. c. p. 63.*)

1. *hartlaubi* (*Cass.*). (p. 63.) W. Africa to Equatorial Africa.

X. NETTOPUS, *Brandt.*

(*Salvad. t. c. p. 64.*)

1. *auritus* (*Bodd.*). (p. 65.) Tropical Africa.
Madagascar.
2. *pulchellus*, *Gould.* (p. 67.) Australia,
New Guinea,
Moluccas, Tenimber Is.,
Celebes.
3. *coromandelianus* (*Gm.*). (p. 68.) Indian Peninsula,
Burmese countries,
China, Philippine Is.,
Greater Sunda Is.,
Celebes.
4. *albipennis*, *Gould.* (p. 72.) E. Australia.

XI. LAMPRONESSA, *Wagler.*

(*Æx, Salvad. t. c. p. 72, pt.*)

1. *sponsa* (*Linn.*). (p. 73.) N. America to Mexico.
Greater Antilles

XII. ÆX, *Boic.*

(*Salvad. t. c. p. 72.*)

1. *galericulata* (*Linn.*). (p. 76.) China, Formosa.
to Japan & S.E. Siberia.

Sub-Family IV. *CEREOPSINÆ*.

(Salvad. Cat. B. xxvii. p. 79, 1895.)

XIII. *CEREOPSIS*, *Lath.*

(Salvad. t. c. p. 79.)

- 1.
- novæ-hollandiæ*
- ,
- Lath.*
- (p. 79.)

S. Australia,
Tasmania.XIV. *Enemiornis*, *Owen.*

(Salvad. t. c. p. 81 ; Lydekker, Cat. Foss. B. p. 99, 1891.)

- 1.
- calcritrans*
- ,
- Owen.*
- (p. 81 ;
- Lyd.*
- , p. 99.)

New Zealand
(Pleistocene).

- 2.
- sp.*
- (
- Lyd.*
- , p. 102.)

New Zealand
(Pleistocene).

- 3.
- gracilis*
- ,
- H. O. Forbes*
- , Tr. N. Z. Inst. xxiv.
-
- p. 187 (1892).

New Zealand
(Pleistocene).

- 4.
- minor*
- ,
- H. O. Forbes*
- , l. c.

New Zealand
(Pleistocene).XV. *Centrornis*, *Andrews.*

(Andrews, Ibis, 1897, p. 343.)

- 1.
- majori*
- ,
- Andrews*
- , l. c.

Madagascar (Pleistocene).

Sub-Family V. *ANSERINÆ*.

(Salvad. Cat. B. xxvii. p. 81, 1895.)

XVI. *COSCOROBA*, *Reichenb.*

(Salvad. t. c. p. 42.)

- 1.
- coscoroba*
- (
- Mol.*
-).

[*candida* (*V.*) (p. 42.)]

Southern S. America.

XVII. *CHEN*, *Boie.*

(Salvad. t. c. p. 82.)

- 1.
- cærulescens*
- (
- Linn.*
-). (p. 82.)

E. N. America.
Bahamas (*winter*).
Cuba (*winter*).

- 2.
- hyperboreus*
- (
- Pall.*
-). (p. 84.)

N. Asia to Japan (*winter*).
Western N. America,
S.W. U. States (*winter*).

3. *nivalis* (*Forst.*). (p. 86.)

E. N. America,
S.E. United States
(*winter*). Japan (*winter*).

XVIII. *EXANTHEMOPS*, *Elliot*.

(*Chen*, pt., *Salvad. Cat. B.* xxvii. p. 82, 1895.)

1. *rossi* (*Cass.*). (p. 88.)

Arctic America.
Western U. States (*winter*).

XIX. *ANSER*, *Briss.*

(*Salvad. t. c.* p. 88.)

1. *anser* (*Linn.*).

[*ferus*, *Schaeff.* (p. 89.)]

W. Europe.

2. *rubrirostris*, *Hodgs.* (p. 91.)

Siberia.
N. India and China
(*winter*).

3. *neglectus*, *Menzies*, *Ibis*, 1896, p. 135; 1897, p. 5.

C. Siberia.

4. *albifrons* (*Scop.*). (p. 92.)

Iceland, Greenland,
N. Europe and Siberia.
India, China, and
S. Europe (*winter*).

5. *gambeli*, *Hartl.* (p. 95.)

N. America to Mexico and
Greater Antilles
(*winter*).
E. Asia and Japan (*winter*).

6. *erythropus* (*Linn.*). (p. 97.)

N. Europe and Siberia.
W. Europe (*winter*),
Indian Peninsula (*winter*),
Japan (*winter*).

7. *fabalis* (*Lath.*). (p. 99.)

W. Europe (Lapland
to N. Russia).
S. & C. Europe (*winter*).

8. *mentalis*, *Oates*, *Man. Game-B. Ind.* ii. p. 77
(1899).

Japan.

9. *serrirostris*, *Swinh., ex Gould, MS.* (p. 101.)

Siberia to Corea.
China (*winter*).

10. *middendorffi*, *Severtz.* (p. 101, pt.)

E. Siberia, Bering Is.
Central Asia (*winter*).
Japan, China (*winter*).

11. *brachyrhynchus* (*Baill.*). (p. 103.)

Spitsbergen.
W. Europe (*winter*).

12. *roundi*, *Shufeldt*, *Auk*, vii. p. 366 (1891).

Oregon (Pleistocene).

13. *anatoides*, *Depéret*, *C. R.* cxiv. p. 690 (1892).

France (Pliocene).

- | | |
|--|------------------------------|
| 14. sp., <i>Lydekker</i> , Cat. Foss. B. p. 104. | England (Pleistocene). |
| 15. <i>orningsensis</i> (<i>Meyer</i>). (<i>Lyd.</i> , p. 104.) | Switzerland (Upper Miocene). |
| 16. sp., <i>Lydekker</i> , Cat. Foss. B. p. 105. | France (Lower Miocene). |
| 17. <i>sralditi</i> , <i>Van Beneden</i> , Bull. Acad. Belg. xxxii. p. 218 (1871). | Belgium (Pleistocene). |

XX. *EULABIA*, *Reichenb.*

(Salvad. Cat. B. xxvii. p. 104, 1895.)

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|--|--|
| 1. <i>indica</i> (<i>Lath.</i>). (p. 105.) | Central Asia.
Indian Peninsula (<i>winter</i>). |
|--|--|

XXI. *CYGNOPSIS*, *Brandt.*

(Salvad. t. c. p. 107.)

- | | |
|---|---|
| 1. <i>cygnoides</i> (<i>Linn.</i>). (p. 107.) | E. Siberia and Japan.
China (<i>winter</i>). |
| 2. ? <i>grandis</i> (<i>Gm.</i>). (p. 107, note.) | Siberia. |

XXII. *PHILACTE*, *Bann.*

(Salvad. t. c. p. 109.)

- | | |
|--|--|
| 1. <i>canagica</i> (<i>Sevast.</i>). (p. 109.) | N.E. Asia.
N.W. America to
California (<i>winter</i>). |
|--|--|

XXIII. *BRANTA*, *Scop.*

(Salvad. t. c. p. 111.)

- | | |
|---|---|
| 1. <i>canadensis</i> (<i>Linn.</i>). (p. 112.) | Temperate N. America.
Mexico (<i>winter</i>). |
| 2. <i>hutchinsi</i> (<i>Richards.</i>). (p. 114.) | Arctic & Sub-Arctic
America.
United States (<i>winter</i>).
N.E. Asia. |
| 3. <i>occidentalis</i> (<i>Baird</i>). (p. 115.) | N.W. America.
California (<i>winter</i>). |
| 4. <i>minima</i> , <i>Ridgw.</i> (p. 116.) | N.W. America.
California and Hawaiian
Archipelago (<i>winter</i>). |

- propinqua*, *Shufeldt*, Auk, viii. p. 367 (1891). Oregon (Pleistocene).
6. *hypsiata*, (*Cope*, Bull. U.S. Geol. Surv. iv. no. 2, p. 387, 1878). Oregon (Pleistocene).
7. *leucopsis* (*Bechst.*). (p. 117.) Arctic W. Europe.
Atlantic coasts (*winter*).
8. *bernicla* (*Linn.*). (p. 119.) Arctic Regions.
N. & W. Europe (*winter*).
9. *glaucogaster*, *Brehm.* (*Cf.* Coues, Auk, xiv. p. 207, 1897.) Arctic Regions.
E. N. America.
U. States (*winter*).
10. *nigricans* (*Laur.*). (p. 123.) N. Siberia and W. North
America.
California (*winter*).
Japan (*winter*).
11. *ruficollis* (*Pall.*). (p. 124.) N. Siberia.
Turkestan and shores of
Caspian Sea (*winter*).

XXIV. NESOCHEN, *Salvad.*

(*Salvad. Cat. B.* xxvii. p. 126, 1895.)

1. *sandvicensis* (*Fig.*). (p. 126.) Hawaiian Archipelago.

INCERTÆ SEDIS.

XXV. CHENORNIS, *Portis.*

(*Lydekker, Cat. Foss. B.* p. 122, 1891.)

1. *graculoides*, *Portis.* (*Lyd.*, p. 122.) Italy (Middle Miocene).

Sub-Family VI. CHENONETTINÆ.

(*Salvad. Cat. B.* xxvii. p. 128, 1895.)

XXVI. CHLOËPHAGA, *Eyton.*

(*Salvad. t. c.* p. 128.)

1. *melanoptera* (*Eyton*). (p. 129.) Western S. America
(Bolivia, Peru, and
Straits of Magellan).
2. *hybrida* (*Mol.*). (p. 130.) Falkland Is.,
Straits of Magellan to
Chiloe Isl.

- | | |
|---|---|
| 3. <i>magellanica</i> (<i>Gm.</i>). (p. 132.) | Falkland Is.,
Straits of Magellan,
Patagonia. |
| 4. <i>inornata</i> (<i>King</i>). (p. 134.) | Argentina, Chile to
Straits of Magellan. |
| 5. <i>rubidiceps</i> , <i>Scl.</i> (p. 136.) | Falkland Is. |
| 6. <i>poliocephala</i> , <i>Scl.</i> (p. 137.) | Patagonia and Chiloe Isl.
S. Chile and Argentina
(<i>winter</i>). |

XXVII. *CYANOCHEN*, *Bp.*

(Salvad. Cat. B. xxvii. p. 139, 1895.)

- | | |
|---|--------------|
| 1. <i>cyanopterus</i> (<i>Rüpp.</i>). (p. 139.) | N.E. Africa. |
|---|--------------|

XXVIII. *CHENONETTA*, *Brandt.*

(Salvad. t. c. p. 140.)

- | | |
|--|------------|
| 1. <i>jubata</i> (<i>Lath.</i>). (p. 140.) | Australia. |
|--|------------|

Sub-Family VII. *ANATINÆ.*

(Salvad. Cat. B. xxvii. p. 142, 1895.)

XXIX. *DENDROCYGNA*, *Swains.*

(Salvad. t. c. p. 144.)

- | | |
|---|---|
| 1. <i>viduata</i> (<i>Linn.</i>). (p. 145.) | Tropical S. America.
W. Indies.
Tropical Africa.
Madagascar. |
| 2. <i>fulva</i> (<i>Gm.</i>). (p. 149.) | S. United States,
Tropical S. America.
Tropical Africa.
Madagascar.
Indian Peninsula,
Burma. |
| 3. <i>arcuata</i> (<i>Horsf.</i>). (p. 153.) | Indo-Malayan Is.,
Celebes, Moluccas,
New Guinea.
Australia, Oceania. |
| 4. <i>javanica</i> (<i>Horsf.</i>). (p. 156.) | Indian Peninsula and
Ceylon to China.
Liu Kiu Is.
Malay Peninsula.
Greater Sunda Is. |

5. *autumnalis* (Linn.). (p. 159.) Texas to Panama.
6. *discolor*, *Scl. & Salv.* (p. 161.) Tropical S. America.
7. *arborea* (Linn.). (p. 162.) W. Indies. Bahama Is.
8. *guttulata*, *Wallace*.
[*guttata*, Forst. (p. 164.)] Philippine Is., Celebes,
Moluccas, New Guinea,
Tenimber Is.
9. *eytoni*, *Eyton*, ex *Gould*, MS. (p. 165.) Australia.
New Zealand (*occ.*).
10. *balidiprennis* (*De Vis*), *Proc. Linn. Soc. N.S.W.*
(2) iii. p. 1282 (1888). Queensland (Pleistocene).

XXX. ALOPOCHEN, *Stejn.*

[*Chenalopex*, *Steph.* (nec *Vieill.* 1819),
Salvad. Cat. B. xxvii. p. 166, 1895.]

1. *ægyptiacus* (Linn.). (p. 167.) Tropical Africa to Egypt
and Palestine.
2. *jubatus* (*Spix*). (p. 169.) Tropical S. America.
3. *pugil*, *Winge*. (*Lydekker*, *Cat. Foss. B.* p. 98.) Brazil (Pleistocene).
4. *debilis*, *Moreno & Merc.*, *An. Mus. La Plata*, i.
p. 446 (1891). Patagonia (Miocene).
5. *sirabensis*, *Andrews*, *Ibis*, 1897, p. 355, pl. ix. Madagascar (Pleistocene).

XXXI. TADORNA, *Fleming*.

(*Salvad. t. c.* p. 170.)

1. *tadorna* (Linn.).
[*cornuta*, S. G. Gmel. (p. 171.)] Europe.
S. Siberia to Japan.
N. Africa (*winter*).
N. Indian Peninsula
(*winter*).
S. China (*winter*).
Molucca Is.,
New Guinea,
Australia.
2. *radjah* (*Garn.*). (p. 175.)

XXXII. CASARCA, *Bp.*

(*Salvad. t. c.* p. 177.)

1. *casarca* (Linn.).
[*rutila*, *Pall.* (p. 177.)] Mediterranean countries
to C. Asia, Mongolia,
China & Japan.
N.E. Africa.
Indian Peninsula, Burma,
and S. China (*winter*).

- | | |
|---|---------------------------------------|
| 2. <i>cana</i> (<i>Gm.</i>). (p. 182.) | S. Africa. |
| 3. <i>variegata</i> (<i>Gm.</i>). (p. 183.) | New Zealand. |
| 4. <i>tadornoides</i> (<i>J. & S.</i>). (p. 185.) | S. & W. Australia,
Tasmania. |
| 5. <i>sp.</i> (<i>Lydekker</i> , <i>Cat. Foss. B.</i> p. 112.) | England: Devonshire
(Pleistocene). |

XXXIII. *ANAS*, *Linn.*(Salvad. *Cat. B.* xxvii. p. 187, 1895.)

- | | |
|---|--|
| 1. <i>boscas</i> , <i>Linn.</i> (p. 189.) | Temperate Europe,
Asia, & N. America.
N.E. Africa (<i>winter</i>).
Persia, N. Indian
Peninsula, and China
(<i>winter</i>).
S. United States and
C. America (<i>winter</i>). |
| 2. <i>wyvilliana</i> , <i>Scl.</i> (p. 196.) | Hawaiian Archipelago. |
| 3. <i>laysanensis</i> , <i>Rothsch.</i> (p. 199.) | Laysan Isl. |
| 4. <i>melleri</i> , <i>Scl.</i> (p. 199.) | Madagascar. |
| 5. <i>obscura</i> , <i>Gm.</i> (p. 200.) | E. North America.
Bermudas (<i>winter</i>). |
| 6. <i>fulvigula</i> , <i>Ridgw.</i> (p. 202.) | Florida.
? West Indies. |
| 7. <i>maculosa</i> , <i>Sennett.</i> (p. 203.) | E. Texas, N. to Kansas. |
| 8. <i>diazi</i> , <i>Ridgw.</i> (p. 204.) | Mexico (Puebla). |
| 9. <i>aberti</i> , <i>Ridgw.</i> (p. 204.) | Mexico (Mazatlan). |
| 10. <i>luzonica</i> , <i>Fraser.</i> (p. 205.) | Philippine Archipelago. |
| 11. <i>superciliosa</i> , <i>Gm.</i> (p. 206.) | Greater & Lesser Sunda Is.
New Guinea. Polynesia.
Pelew Is. Australia.
New Zealand. |
| 12. <i>oustaleti</i> , <i>Salvad.</i> (p. 189, note.) | Marianne Is. |
| 13. <i>undulata</i> , <i>Dubois.</i> (p. 212.) | S. Africa, W. to Angola,
E. to Zambesi.
E. Africa to Abyssinia. |
| 14. <i>sparsa</i> , <i>Smith.</i> (p. 213.) | S. & E. Africa,
N. to Abyssinia. |

15. *specularis*, King. (p. 215.) Chile.
Straits of Magellan.
16. *cristata*, Gm. (p. 216.) Peru to Straits of
Magellan.
Falkland Is.
17. *finschi*, Van Beneden, J. Zool. iv. p. 267 (1875). New Zealand (Pleistocene)
18. *ataba*, Fraas. (Lyd., p. 117.) Bavaria (Middle Miocene).
19. *cygniformis*, Fraas. (p. 117.) Bavaria (Middle Miocene).
20. *sp.* (Lyd., p. 117.) Bavaria (Middle Miocene).
21. *lignitifila*, Portis ex Salvad. MS. (Lyd., p. 117.) Italy (Middle Miocene).
22. *blanchardi*, Milne-Edw. (Lyd., p. 117.) France and Germany
(Lower Miocene).
23. *consobrina*, Milne-Edw. (Lyd., p. 120.) France (Lower Miocene).
24. *natator*, Milne-Edw. (Lyd., p. 120.) France (Lower Miocene).
25. *sp.* (Lyd., p. 120.) France (Lower Miocene).
26. *benedeni*, Sharpe, MSS.
[*crecoides*, Van Beneden (nec King), Bull.
Acad. Belg. xxii. p. 217 (1871).] Belgium (Pleistocene).
27. *thorodori*, E. Newt. & Gadow, Tr. Z. S. xiii. p. 291 Mauritius (Pleistocene).
(1893).
28. *clapsa*, De Vis, Proc. Linn. Soc. N.S.W. (2) iii. Queensland
p. 1251 (1888). (Pleistocene).
29. *megevi*, Milne-Edw. (Lydekker, Cat. Foss. B. Switzerland
p. 116.) (Upper Miocene).
30. *belor*, Milne-Edw. (Lyd., p. 116.) France (Middle Miocene).
31. *sansaniensis*, Milne-Edw. (Lyd., p. 116.) France (Middle Miocene).
32. *robusta*, Milne-Edw. (Lyd., p. 116.) France (Middle Miocene).

XXXIV. POLIONETTA, Oates.

(Oates, Man. Game-B. Ind. pt. ii. p. 151, 1899).

1. *zonorhyncha* (Swinh.). (p. 211.) E. Siberia, Mongolia,
China, Japan, Kurile Is.
2. *pœcilorhyncha* (Först.). (p. 209.) Indian Peninsula,
Ceylon, Upper Burma.
3. *albigularis* (Hume). (p. 257.) Andamans.

XXXV. *EUNETTA*, *Bp.*

(Salvad. Cat. B. xxvii. p. 218, 1895.)

- 1.
- falcata*
- (
- Georgi*
-). (p. 218.)

Siberia to Japan.

China (*winter*).Indian Peninsula (*winter*).Europe (*occ.*).XXXVI. *CHAULELASMUS*, *Gray*.

(Salvad. t. c. p. 221.)

- 1.
- streperus*
- (
- Linn.*
-). (p. 221.)

Temperate Europe,

Asia, and N. America.

Mediterranean countries

to N.E. Africa (*winter*).

Indian Peninsula and

China (*winter*).

C. America and West

Indies (*winter*).

Fanning Is.

- 2.
- couesi*
- ,
- Streets*
- . (p. 226.)

XXXVII. *MARECA*, *Steph.*

(Salvad. t. c. p. 227.)

- 1.
- penelope*
- (
- Linn.*
-). (p. 227.)

N. Europe and Siberia to
Kamtehatka.N.E. Africa (*winter*).Persia (*winter*).

N. Indian Peninsula and

Burma to Borneo (*winter*).Marshall Is. (*winter*).N. America (*acc.*).

- 2.
- americana*
- (
- Gm.*
-). (p. 233.)

N. America. E. Siberia
(*occ.*). C. America andWest Indies (*winter*).

- 3.
- sibilatrix*
- ,
- Poeppig*
- . (p. 237.)

Argentina and Paraguay,

Chile to Strs. of Magellan,

Falkland Is.

XXXVIII. *NETTIUM*, *Kaup*.

(Salvad. t. c. p. 238.)

- 1.
- formosum*
- (
- Georgi*
-). (p. 240.)

E. Siberia.

Indian Peninsula,

China, Japan (*winter*).Europe (*occ.*).

- 2.
- crecca*
- (
- Linn.*
-). (p. 243.)

Europe and N. Asia,

N. & N.E. Africa.

Persia, Indian Peninsula,

China (*winter*).E. United States (*occ.*).

- | | |
|---|--|
| 3. <i>carolinense</i> (<i>Gm.</i>). (p. 250.) | N. America.
C. America and West
Indies (<i>winter</i>).
Europe (<i>occ.</i>). |
| 4. <i>castaneum</i> (<i>Eyton</i>). (p. 252.) | Australia, Tasmania,
New Zealand. |
| 5. <i>salvadorii</i> , <i>Büttik.</i> , Notes Leyd. Mus. xviii. p. 59 (1896). | Sumba Isl. |
| 6. <i>gibberifrons</i> (<i>S. Müll.</i>). (p. 254.) | Celebes, Greater and
Lesser Sunda Is.
New Guinea.
New Caledonia.
Australia. New Zealand. |
| 7. <i>bernieri</i> (<i>Hartl.</i>). (p. 258.) | Madagascar. |
| 8. <i>capense</i> (<i>Gm.</i>). (p. 259.) | S. Africa to Angola,
E. Africa to Shoa. |
| 9. <i>flavirostre</i> (<i>V.</i>). (p. 261.) | S. Brazil, Argentina,
Chile, to Straits of
Magellan,
Falkland Is. |
| 10. <i>oxypterum</i> (<i>Meyen</i>). (p. 262.) | Andes of Peru & N. Chile. |
| 11. <i>andium</i> (<i>Scl. & Salv.</i>). (p. 263.) | Andes of Ecuador and
Venezuela. |
| 12. <i>georgicum</i> (<i>Gm.</i>). (p. 264.) | South Georgia. |
| 13. <i>punctatum</i> (<i>Burch.</i>). (p. 265.) | S. Africa to Angola.
E. Africa to Shoa.
Madagascar. |
| 14. <i>brasiliense</i> (<i>Gm.</i>). (p. 266.) | S. America. |
| 15. <i>torquatum</i> (<i>V.</i>). (p. 268.) | S.E. Brazil, Argentina. |

XXXIX. DAFILA, *Steph.*

(*Salvad. Cat. B. xxvii. p. 270, 1895.*)

- | | |
|---|--|
| 1. <i>acuta</i> (<i>Linn.</i>). (p. 270.)
[<i>modesta</i> , <i>Tristr.</i> (p. 275, note.)] | N. Europe, N. Asia,
N. America.
Mediterranean countries
(<i>winter</i>).
Indian Peninsula and
China (<i>winter</i>).
Indo-Malayan Archipelago
and Oceania (<i>winter</i>).
C. America and West
Indies (<i>winter</i>).
S. America. |
| 2. <i>spinicauda</i> (<i>V.</i>). (p. 279.) | |

XL. DAFILULA, *Coues*.

(Coues, Auk, xiv. p. 207, 1897.)

- 1.
- eatoni*
- (
- Sharpe*
-). (p. 278.)

Kerguelen Isl.,
Crozetts Is.XLI. PÆCILONETTA, *Fyton*.

(Salvad. Cat. B. xxvii. p. 281, 1895.)

- 1.
- bahamensis*
- (
- Linn.*
-). (p. 282.)

Tropical S. America.
Falkland Is.,
West Indies, Bahama Is.

- 2.
- galapagensis*
- ,
- Ridgw.*
- (p. 284.)

Galapagos Archipelago.

- 3.
- erythrorhyncha*
- (
- Gm.*
-). (p. 285.)

S. Africa to Angola.
E. Africa to Abyssinia.
Madagascar.XLII. ELASMONETTA, *Salvad.*

(Salvad. t. c. p. 287.)

- 1.
- chlorotis*
- (
- Gray*
-). (p. 287.)

New Zealand.
Chatham Is.XLIII. NESONETTA, *Gray*.

(Salvad. t. c. p. 289.)

- 1.
- aucklandica*
- ,
- Gray*
- .

Auckland Is.

XLIV. QUERQUEDULA, *Steph.*

(Salvad. t. c. p. 290.)

- 1.
- versicolor*
- (
- V.*
-). (p. 291.)

Paraguay, Argentina,
Chile, Patagonia,
Falkland Is.

- 2.
- puna*
- (
- Licht.*
-). (p. 293.)

Andes of Peru,
Bolivia and N. Chile.

- 3.
- querquedula*
- (
- Linn.*
-).

[*circia*, *Linn.* (p. 293.)]N. Europe and N. Asia.
N.E. Africa (*winter*).
Indian Peninsula (*winter*).
China (*winter*).
Malayan Archipelago
(*winter*).

4. **discors** (*Linn.*). (p. 299.)

N. America.
West Indies (*winter*).
C. America to Colombia,
Ecuador, and Peru
(*winter*).

5. **cyanoptera** (*L.*). (p. 303.)

W. N. America to Mexico.
W. S. America to Straits
of Magellan.
Argentina, Falkland Is.

XLV. SPATULA, *Boie*.

(*Salvad. Cat. B. xxvii. p. 306, 1895.*)

1. **clypeata** (*Linn.*). (p. 306.)

Europe. W. Asia.
N. America.
Africa (*winter*). Arabia
and Persia (*winter*).
Indian Peninsula (*winter*).
S. China (*winter*).
C. America to Colombia
(*winter*).
West Indies (*winter*).
Hawaiian Archipelago
(*winter*).

2. **rhynchotis** (*Lath.*). (p. 314.)

Australia, Tasmania,
New Zealand.

3. **platalea** (*L.*). (p. 316.)

Southern S. America to
Peru and Paraguay.
Falkland Is.

4. **capensis** (*Smith*). (p. 318.)

S. Africa to Angola.

XLVI. MALACORHYNCHUS, *Swains.*

(*Salvad. t. c. p. 319.*)

1. **membranaceus** (*Lath.*). (p. 319.)

Australia, Tasmania.

XLVII. MARMARONETTA, *Reichenb.*

(*Salvad. t. c. p. 320.*)

1. **angustirostris** (*Ménétr.*). (p. 321.)

Canary Is.
Mediterranean countries
to Persia & N.W. India.

XLVIII. STICTONETTA, *Reichenb.*

(*Salvad. t. c. p. 324.*)

1. **nævosa** (*Gould*). (p. 324.)

S. & W. Australia,
Tasmania.

XLIX. *HETERONETTA*, *Salvad.*

(Salvad. Cat. B. xxvii. p. 325, 1895.)

- 1.
- atricapilla*
- (
- Merrem*
-). (p. 325.)

S.E. Brazil, Uruguay,
Argentina, Chile.Sub-Family VIII. *FULIGULINÆ*.

(Salvad. Cat. B. xxvii. p. 326, 1895.)

L. *NETTA*, *Kaup.*

(Salvad. t. c. p. 327.)

- 1.
- rufina*
- (
- Pall.*
-). (p. 328.)

Mediterranean countries
to C. Asia.
Indian Peninsula (*winter*).
E. United States (*acc.*).LI. *METOPIANA*, *Bp.*

(Salvad. t. c. p. 332.)

- 1.
- peposaca*
- (
- V.*
-). (p. 332.)

S. Brazil, Argentina,
Chile.LII. *AYTHYA*, *Boie.*[*Cf.* A. O. U. Checkl-l. 2nd ed. p. 52, 1895.*Nyroca*, Fleming. (Salvad. t. c. p. 334.)]

- 1.
- ferina*
- (
- Linn.*
-). (p. 335.)

N. Europe and Siberia to
Japan.
S. Europe and N. Africa
(*winter*).
Persia (*winter*).
Indian Peninsula (*winter*).
China (*winter*).

- 2.
- americana*
- (
- Bp.*
-). (p. 340.)

N. America.
S. United States (*winter*).
Mexico (*winter*).

- 3.
- baeri*
- (
- Radde*
-). (p. 344.)

E. Siberia.
C. Asia to Kuldja.
China (*winter*).
N.E. Bengal (*winter*).

4. *nyroca* (Güld.). (p. 345.) C. & S. Europe to C. Asia
& S.W. Siberia, Cashmere.
Canary Is. (*winter*).
N.E. Africa (*winter*).
N. & C. Indian Peninsula
(*winter*).
5. *innotata* (Salvad.). (p. 350.) Madagascar.
6. *australis* (Eyton). (p. 350.) Australia, Tasmania,
New Zealand, New Guinea,
Waigiu.
7. *robusta*, *De Vis*, Proc. Linn. Soc. N.S.W. (2) iii. Queensland (Pleistocene).
p. 1278 (1888).
8. *erythrophthalma* (Neuwied). (p. 353, note.) S. Brazil.
Cf. Salvad. Ibis, 1896, p. 99. S. Africa to Angola,
[*brunnea*, Eyton. (p. 351.)] E. Africa to Shoa.
9. *nationi* (Sch. & Salv.). (p. 353.) Peru.

LIII. *ARISTONETTA*, Baird.

(*Nyroca*, pt., Salvad. Cat. B. xxvii. p. 334, 1895.)

1. *valisneria* (Wils.). (p. 342.) N. America.
C. America (*winter*).
West Indies (*winter*).

LIV. *FULIGULA*, Steph.

(Salvad. t. c. p. 354.)

1. *marila* (Linn.). (p. 355.) N. Europe and N. Asia.
N. America.
Mediterranean Sea
(*winter*), Black & Caspian
Seas (*winter*).
N.W. India (*winter*).
S.E. Siberia, China,
Japan (*winter*).
C. America (*winter*).
2. *affinis*, Eyton. (p. 360.) N. America.
C. America (*winter*).
West Indies (*winter*).
3. *fuligula* (Linn.). (p. 363.) N. Europe. N. Asia.
Mediterranean Sea and
Abyssinia (*winter*).
N. Indian Peninsula and
S. China (*winter*).
Philippines and Greater
Sunda Is. (*winter*).
Marianne and Pelew Is.
(*winter*).

4. *novæ-zealandiæ* (*Gm.*). (p. 368.) New Zealand,
Auckland Is., Chatham Is.
5. *collaris* (*Donov.*). (p. 370.) N. America.
C. America (*winter*).
West Indies (*winter*).
6. *arctina*, *Portis*, *Orn. Vald.* p. 4, tav. i. figs. 1-10 (1891). Italy (Pliocene).
7. *sepulta*, *Portis, t. c.* p. 9, tav. i. figs. 11-23 (1891). Italy (Pliocene).
8. *arbruncensis*, *Lydekker*, *Cat. Foss. B.* p. 122. France (Lower Miocene).

LV. TACHYERES, *Owen.*

(*Salvad. Cat. B.* xxvii. p. 373, 1895.)

1. *cinereus* (*Gm.*). (p. 373.) Straits of Magellan,
Chilian coasts.
Falkland Is.

LVI. CLANGULA, *Leach.*

(*Salvad. t. c.* p. 376.)

1. *clangula* (*Linn.*).
[*glaucion* (*Linn.*) (p. 376.)] Arctic Europe, Asia,
and N. America.
S. Europe to N. India
and China (*winter*).
C. America (*winter*).
West Indies (*winter*).
2. *islandica* (*Gm.*). (p. 383.) N. America. Iceland.
C. United States (*winter*).
3. *albeola* (*Linn.*). (p. 385.) N. America.
C. America (*winter*).
Europe (*oce.*).

LVII. HARELDA, *Steph.*

(*Salvad. t. c.* p. 388.)

1. *glacialis* (*Linn.*). (p. 389.) Arctic Europe, Asia,
and America.
S. Europe (*winter*).
C. Asia (*winter*).
China (*winter*).
N. & C. Un. States (*winter*).

LVIII. *HISTRIONICUS*, *Less.* 1828.

(*Cosmonetta*, Kaup, 1829; *Salvad. Cat. B.* xxvii. p. 394, 1895.)

1. *histrionicus* (*Linn.*). (p. 395.)

Iceland. N.E. Asia.
N. America.
Central U. States to
California (*winter*).
W. Europe (*occ. winter*).

LIX. *ÆDEmia*, *Fleming.*

(*Salvad. t. c.* p. 399.)

1. *nigra* (*Linn.*). (p. 401.)

N. Europe & N. Asia.
W. Europe (*winter*).
Mediterranean Sea
(*winter, occ.*).

2. *americana*, *Swains. & Richards.* (p. 404.)

N. America. N.E. Asia.
United States (*winter*).
Japan (*winter*).

3. *fusca* (*Linn.*). (p. 406.)
[*carbo*, *Pall.*]

N. Europe to W. Siberia.
N. & C. Europe to Black
& Caspian Seas (*winter*).
? Greenland (*acc.*).

4. *deglandi*, *Bp.* (p. 409.)

North America.
United States (*winter*).

5. *stejnegeri*, *Ridgw.*
[*carbo* (*nec Pall.*). (p. 411.)]

N.E. Asia,
China & Japan (*winter*).

6. *perspicillata* (*Linn.*). (p. 412.)

N. America. U. States &
West Indies (*winter*).
N.E. Asia.
W. Europe (*occ.*).

LX. *Campistolæmus*, *Gray.*

(*Salvad. t. c.* p. 416.)

1. *labradorius* (*Gm.*). (p. 416.)

E. North America.
New Jersey & Great
Lakes (*winter*).
[*Extinct.*]

LXI. *HENICONETTA*, *Gray.*

(*Salvad. t. c.* p. 419.)

1. *stelleri* (*Pall.*). (p. 419.)

N. Europe. N. Asia.
W. Europe (*occ.*).
Arctic & Sub-Arctic
N. America.
Aleutian Is. (*winter*).

LXII. *ARCTONETTA*, *Gray*.

(Salvad. Cat. B. xxvii. p. 422, 1895.)

- 1.
- fischeri*
- (
- Brandt*
-). (p. 422.)

Coast of Alaska.
Bering Sea to Point
Barrow.
N.E. Asia, E. of the Delta
of the Lena. *LXIII. *SOMATERIA*, *Leach*.

(Salvad. t. c. p. 423.)

- 1.
- dresseri*
- ,
- Sharpe*
- . (p. 424.)

N.E. America.
Eastern U. S. & Great
Lakes (*winter*).

- 2.
- mollissima*
- (
- Linn.*
-). (p. 425.)

W. Arctic Europe.
Baltic Sea & N.W. Europe
(*winter*)

- 3.
- borealis*
- ,
- Brehm*
- . (p. 428.)

Arctic America,
Greenland.
Northern U.S. (*winter*).

- 4.
- v-nigra*
- (
- Gray*
-). (p. 430.)

N.W. America.
N.E. Asia.LXIV. *ERIONETTA*, *Coues*.[*Somateria*, pt. (p. 423).]

- 5.
- spectabilis*
- (
- Linn.*
-). (p. 432.)

Arctic W. Europe.
Arctic N. America.
United States (*winter*).
N.W. Europe (*winter, oce.*).Sub-Family IX. *ERISMATURINÆ*.

(Salvad. Cat. B. xxvii. p. 436, 1895.)

LXV. *THALASSORNIS*, *Eyton*.

(Salvad. t. c. p. 436.)

- 1.
- leuconotus*
- (
- Smith*
-). (p. 436.)

S. Africa to Angola,
E. Africa, N. to Shoa.

- 2.
- insularis*
- ,
- Richm.*
- , Proc. U.S. Nat. Mus. xix. Madagascar.
-
- p. 678 (1897).

* Bianchi, *in litt.*

LXVI. *NOMONYX*, *Ridgw.*

(Salvad. Cat. B. xxvii. p. 438, 1895.)

- | | |
|--|---|
| 1. <i>dominicus</i> (<i>Lin.</i>). (p. 438.) | Tropical S. America.
West Indies.
N. America (<i>occ.</i>). |
|--|---|

LXVII. *ERISMATURA*, *Bp.*

(Salvad. t. c. p. 441.)

- | | |
|--|---|
| 1. <i>leucocephala</i> (<i>Scop.</i>). (p. 442.) | Mediterranean countries
to C. Asia. N.W. India
(<i>winter</i>).
C. Europe (<i>occ.</i>). |
| 2. <i>jamaicensis</i> (<i>Gm.</i>). (p. 445.) | N. America.
C. America & West
Indies (<i>winter</i>).
Colombia (<i>winter</i>). |
| 3. <i>maccoa</i> (<i>Smith</i>). (p. 448.) | S. Africa.
E. Africa, N. to Shoa. |
| 4. <i>ferruginea</i> , <i>Eyton</i> . (p. 449.) | Peru. |
| 5. <i>æquatorialis</i> , <i>Salvad.</i> (p. 450.) | Equador. |
| 6. <i>vittata</i> , <i>Philippi</i> . (p. 450.) | S. America (Chile,
Argentina, Patagonia). |
| 7. <i>australis</i> (<i>Gould</i>). (p. 451.) | S. & W. Australia.
Tasmania. |

LXVIII. *BIZIURA*, *Steph.*

(Salvad. t. c. p. 452.)

- | | |
|---|-------------------------------|
| 1. <i>lobata</i> (<i>Temm.</i>). (p. 452.) | Australia, Tasmania. |
| 2. <i>lautouri</i> , <i>Forbes</i> , Tr. N.Z. Inst. xxiv. p. 188
(1892). | New Zealand
(Pleistocene). |

Sub-Family X. *MERGANETTINÆ*.

(Salvad. Cat. B. xxvii. p. 454, 1895.)

LXIX. *SALVADORINA*, *Rothsch. & Hartert*.

(Salvad. t. c. p. 454.)

- | | |
|--|------------------------------|
| 1. <i>waigiensis</i> , <i>Rothsch. & Hartert</i> . (p. 454.) | Waigiou.
S.E. New Guinea. |
|--|------------------------------|

LXX. HYMENOLÆMUS, *Gray*.

(Salvad. Cat. B. xxvii. p. 455, 1895.)

1. *malacorhynchus* (*Gm.*). (p. 455.) New Zealand.

LXXI. MERGANETTA, *Gould*.

(Salvad. t. c. p. 457.)

1. *frænata*, *Salvad.* (p. 458.) Chilian Andes.
 2. *armata*, *Gould.* (p. 458.) Chilian Andes.
 3. *turneri*, *Scl. & Salv.* (p. 460.) Andes of S. Peru.
 4. *garleppi*, *Berlepsch.* (p. 460.) Andes of Bolivia and Tucuman.
 5. *leucogenys* (*Tschudi*). (p. 461.) Andes of Peru.
 6. *colombiana*, *Des Murs.* (p. 462.) Andes of Colombia, Ecuador, & Venezuela.

Sub-Family XI. MERGINÆ.

(Salvad. Cat. B. xxvii. p. 463, 1895.)

LXXII. MERGUS, *Linn.*

(Salvad. t. c. p. 463.)

1. *albellus* (*Linn.*). (p. 464.) W. Europe & N. Asia.
 S. Europe (*winter*).
 N. Indian Peninsula,
 China & Japan (*winter*).
 N. America (*acc.*).

LXXIII. LOPHODYTES, *Reichenb.*

(Salvad. t. c. p. 468.)

1. *cucullatus* (*Linn.*). (p. 468.) N. America.
 C. America (*winter*).
 Greater Antilles (*winter*).
 Greenland (*occ.*).
 N.W. Europe (*occ.*).

LXXIV. *Merganser*, *Briss.*

(*Salvad. Cat. B. xxvii. p. 471, 1895.*)

- | | |
|--|--|
| 1. <i>merganser</i> (<i>Linn.</i>). (p. 472.) | N. Europe & N. Asia.
S. Europe (<i>winter</i>).
China & Japan (<i>winter</i>). |
| 2. <i>comatus</i> , <i>Salvad.</i> (p. 475.) | C. Asia,
Himalayas to Assam,
W. Mongolin. |
| 3. <i>americanus</i> , <i>Cass.</i> (p. 477.) | N. America.
Aleutian Is.
United States (<i>winter</i>). |
| 4. <i>squamatus</i> , <i>Gould.</i> (p. 478.) | ? China. |
| 5. <i>serrator</i> (<i>Linn.</i>). (p. 479.) | N. Europe. W. Asia.
N. America.
Mediterranean Sea
(<i>winter</i>).
Persian Gulf &
N.W. India (<i>winter</i>).
China & Japan (<i>winter</i>).
United States (<i>winter</i>). |
| 6. <i>australis</i> (<i>Hombr. & Jacq.</i>). (p. 484.) | Auckland Is. |
| 7. <i>brasilianus</i> (<i>Vieill.</i>). (p. 486.) | S.E. Brazil. |

LXXV. *Concornis*, *Amegh.*

(*Amegh., Bol. Inst. Geogr. Argent. xv. p. 95, 1895.*)

- | | |
|---|----------------------|
| 1. <i>australis</i> , <i>Amegh. l. c.</i> | Patagonia (Miocene). |
|---|----------------------|

LXXVI. *Eutclornis*, *Amegh.*

(*Amegh. l. c. p. 96.*)

- | | |
|---|----------------------|
| 1. <i>patagonicus</i> , <i>Amegh. l. c.</i> | Patagonia (Miocene). |
|---|----------------------|

INCERTÆ SEDIS.

LXXVII. *Horornis*, *Amegh.*

(*Amegh. l. c. p. 97.*)

- | | |
|--|----------------------|
| 1. <i>clibus</i> , <i>Amegh. l. c.</i> | Patagonia (Miocene). |
|--|----------------------|

Order XXI. GASTORNITHIFORMES.

Family I. GASTORNITHIDÆ.

(Lydekker, Cat. Foss. B. p. 357. 1891.)

I. *Gastornis*, *Hébert*.(Lydekker, *t. c.* p. 357.)

- | | |
|---|-------------------------|
| 1. <i>parisiensis</i> , <i>Hébert</i> . (L., p. 357.) | France (Lower Eocene). |
| 2. <i>klaasseni</i> , <i>E. T. Newton</i> . (L., p. 358.) | England (Lower Eocene). |
| 3. <i>edwardsi</i> , <i>Lemoine</i> . (L., p. 358.) | France (Lower Eocene). |

II. *Dagornis*, *Owen*.(Lydekker, *t. c.* p. 359.)

- | | |
|---|-------------------|
| 1. <i>londinensis</i> , <i>Owen</i> . (L., p. 359.) | England (Eocene). |
|---|-------------------|

III. *Remiornis*, *Lemoine*.(Lemoine, *Rech. Ois. Foss. Rheims*, ii. p. 158, 1881.)

- | | |
|--|------------------------|
| 1. <i>minor</i> , <i>Lydekker</i> , <i>t. c.</i> p. 360. | France (Lower Eocene). |
|--|------------------------|

IV. *Diatryma*, *Cope*.(Cope, *Proc. Acad. Nat. Sci. Philad.* 1876 p. 10.)

- | | |
|--|----------------------|
| 1. <i>gigantea</i> , <i>Cope</i> , <i>l. c.</i> p. 11. | New Mexico (Eocene). |
|--|----------------------|

V. *Macrornis*, *Seeley*.(Seeley, *Ann. & Mag. Nat. Hist.* (3) xviii. p. 110, 1866.

- | | |
|---|-------------------------|
| 1. <i>tauaupus</i> , <i>Seeley</i> , <i>l. c.</i> | England (Upper Eocene). |
|---|-------------------------|

Order XXII. ICHTHYORNITHIFORMES.

Family I. ICHTHYORNITHIDÆ.

(Lydekker, Cat. Foss. B. p. 201, 1891.)

I. *Apatornis*, Marsh.

(Marsh, Amer. J. Sci. v. p. 162, 1873.)

- | | |
|--|--------------------------------|
| 1. <i>cifer</i> (Marsh, l. c. v. p. 74). | W. Kansas (Middle Cretaceous). |
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II. *Cimolopteryx*, Marsh.

(Marsh, Amer. J. Sci. xlv. p. 175, 1892.)

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| 1. <i>rara</i> , Marsh, l. c. | Wyoming (Cretaceous). |
| 2. <i>retusa</i> , Marsh, l. c. | Wyoming (Cretaceous). |

III. *Graculabius*, Marsh.

(Marsh, Amer. J. Sci. xlv. p. 83, 1893.)

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| 1. <i>brilor</i> , Marsh, op. cit. iii. p. 363 (1872). | New Jersey (Cretaceous). |
| 2. <i>pumilus</i> , Marsh, l. c. p. 363. | New Jersey (Cretaceous). |

IV. *Echthyornis*, Marsh.

(Marsh, Amer. J. Sci. iv. p. 344, 1872.)

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|--|---------------------------|
| 1. <i>dispar</i> , Marsh, l. c. | N.W. Kansas (Cretaceous). |
| 2. <i>agilis</i> , Marsh, op. cit. v. p. 230 (1873). | W. Kansas (Cretaceous). |
| 3. <i>anceps</i> , Marsh, op. cit. iii. p. 364 (1872). | W. Kansas (Cretaceous). |
| 4. <i>lentus</i> , Marsh, op. cit. xiv. p. 253 (1877). | Texas (Cretaceous). |
| 5. <i>tener</i> , Marsh, Odontorn. p. 198 (1880). | N.W. Kansas (Cretaceous). |
| 6. <i>validus</i> , Marsh, l. c. p. 198. | N.W. Kansas (Cretaceous). |
| 7. <i>victor</i> , Marsh, Amer. J. Sci. xi. p. 511 (1876). | Kansas (Cretaceous). |

V. *Elanornis*, Marsh.

(Marsh, Proc. Acad. Nat. Sci. Philad. 1870, p. 5.)

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|---------------------------------------|--------------------------|
| 1. <i>edwardsianus</i> , Marsh, l. c. | New Jersey (Cretaceous). |
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Order XXIII. PELECANIFORMES.

(Sharpe, Classif. B. p. 76, 1891.)

Family I. PHALACROCORACIDÆ.

(Ogilvie Grant, Cat. B. xxvi. p. 330, 1898.)

I. PHALACROCORAX, *Briss.*(Ogilvie Grant, *t. c.* p. 330.)

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|--|---|
| 1. <i>carbo</i> (<i>Linn.</i>). (p. 340.) | Europe. N. Asia.
Greenland.
E. N. America to Georgia.
Africa.
Indian Peninsula to China
& Australia. |
| 2. <i>filamentosus</i> (<i>Temm. & Schl.</i>). (p. 350.) | E. Siberia,
Japan, China. |
| 3. <i>lucidus</i> (<i>Licht.</i>). (p. 351.) | Tropical Africa.
Cape Verde Is. |
| 4. <i>capensis</i> (<i>Sparrm.</i>). (p. 352.) | S. Africa to Natal, W. to
Lower Congo. |
| 5. <i>gaimardi</i> (<i>Garnot</i>). (p. 353.) | Western S. America. |
| 6. <i>punctatus</i> (<i>Sparrm.</i>). (p. 354.) | New Zealand. |
| 7. <i>featherstoni</i> , <i>Buller</i> . (p. 356.) | Chatham Is. |
| 8. <i>præspicillatus</i> , <i>Pall.</i> (p. 357.) | Bering Isl. (<i>extinct</i>). |
| 9. <i>bicristatus</i> , <i>Pall.</i> (p. 358.) | E. Siberia,
Kuril Is.,
Kamtschatka,
Alaska. |
| 10. <i>pelagicus</i> , <i>Pall.</i> (p. 360.) | Kamtschatka,
Aleutian Is.
Kuril Is. (<i>winter</i>).
N. Japan (<i>winter</i>).
China (<i>winter</i>). |
| 11. <i>robustus</i> , <i>Ridgw.</i> (p. 360, pt.)* | Alaska,
S. to Washington Terr. |

* This form is recognized in the A. O. U. 'Check-List,' but is disallowed by Mr. Ogilvie Grant.

12. **resplendens**, *Ridgw.* (p. 360, pt.)* Western N. America.
Washington Terr. to
W. Mexico.
13. **penicillatus** (*Brandt*). (p. 363.) Western N. America.
14. **graculus** (*Linn.*). (p. 364.) Coasts of W. Europe.
Faeroes. Iceland.
15. **desmaresti**, *Payr.* (p. 368.) Mediterranean,
Black & Caspian Seas.
16. **chalconotus**, *Gray.* (p. 369.) New Zealand.
17. **auritus** (*Less.*). (p. 370.) Eastern & Central
N. America.
West Indies.
18. **cincinatus** (*Brandt*). (p. 373.) Western N. America.
19. **neglectus** (*Wahlb.*). (p. 374.) S. Africa.
20. **fuscicollis**, *Steph.* (p. 375.) Indian Peninsula,
Ceylon,
Burmese countries.
21. **sulcirostris** (*Brandt*). (p. 376.) Australia.
New Zealand.
Austro-Malayan Is. to
S. Borneo.
22. **vigua** (*L.*). (p. 378.) S. & C. America,
N. to Texas.
23. **mexicanus** (*Brandt*). (p. 381.) Valley of the Lower Mis-
sissippi to W. Mexico,
Guatemala,
Nicaragua.
24. **carunculatus** (*Gm.*). (p. 384.) Queen Charlotte Sound,
New Zealand.
25. **onslowi**, *Forbes.* (p. 385.) Chatham Is.
26. **stewarti**, *Ogilvie Grant.* (p. 386.) S. Isl., New Zealand;
Stewart Isl., N. Z.
27. **colensoi**, *Buller.* (p. 386.) Auckland Is.
28. **campbelli** (*Filhol*). (p. 387.) Campbell Isl.

* This form is recognized in the A. O. U. 'Check-List,' but is not considered to be distinct by Mr. Ogilvie Grant.

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| 29. <i>bougainvillii</i> (<i>Less.</i>). (p. 387.) | Western S. America
(Peru, Chile). |
| 30. <i>magellanicus</i> (<i>Gm.</i>). (p. 388.) | Southern S. America.
Falkland Is. |
| 31. <i>atriceps</i> (<i>King</i>). (p. 390.) | South-western S. America.
? S. Georgia. |
| 32. <i>albiventer</i> (<i>Less.</i>). (p. 392.) | Straits of Magellan.
Falkland Is. |
| 33. <i>traversi</i> , <i>Rothsch.</i> , Bull. B. O. C. viii. p. xxi
(1898). | Macquarie Is. |
| 34. <i>verrucosus</i> (<i>Cab.</i>). (p. 393.) | Kerguelen Isl.,
? Crozette Is. |
| 35. <i>varius</i> (<i>Gm.</i>). (p. 394.) | New Zealand. |
| 36. <i>gouldi</i> (<i>Salvad.</i>). (p. 396.) | Louisiade Arch.,
E. & S. Australia,
Tasmania. |
| 37. <i>hypoleucus</i> (<i>Brandt</i>). (p. 397.) | W. Australia. |
| 38. <i>melanoleucus</i> (<i>V.</i>). (p. 398.) | Australia.
New Zealand.
New Guinea,
Moluccas,
Lesser Sunda Is. |
| 39. <i>brevirostris</i> , <i>Gould</i> . (p. 400.) | New Zealand.
Chatham Is. |
| 40. <i>javanicus</i> (<i>Horsf.</i>). (p. 402.) | Indian Peninsula.
Ceylon.
Indo-Chinese countries.
Malay Peninsula.
Greater Sunda Is. |
| 41. <i>pygmæus</i> (<i>Gm.</i>). (p. 405.) | C. & S. Europe.
C. Asia to E. Siberia. |
| 42. <i>africanus</i> (<i>Gm.</i>). (p. 407.) | Egypt.
Tropical (E. & S.) Africa.
Madagascar. |
| 43. <i>sp.</i> , <i>Lydekker</i> , Cat. Foss. B. p. 51 (1891). | New Zealand
(Pleistocene). |
| 44. <i>sp.</i> , <i>Lydekker</i> , t. c. p. 52. | New Zealand
(Pleistocene). |
| 45. <i>sp.</i> , <i>Lydekker</i> , t. c. p. 53. | Siwalik Hills (Pliocene). |

46. *intermedius* (*Milne-Edw.*). (L., p. 53.) France (Middle Miocene).
 47. *miocænus* (*Milne-Edw.*). (L., p. 54.) France (Lower Miocene).
 48. *littoralis* (*Milne-Edw.*). (L., p. 56.) France (Lower Miocene).
 49. *idahoensis* (*Marsh*, Amer. J. Sci. 1870, p. 217). Idaho, U.S.A. (Pliocene).
 50. *pampeanus*, *Moreno & Merc.*, An. Mus. La Plata, i. p. 19, pl. xviii. fig. 8 (1891). Argentina (Pliocene).
 51. *major*, *Forbes*, Trans. N.Z. Inst. xxiv. p. 189 (1892). New Zealand (Pleistocene).
 52. *marropus* (*Cope*, Bull. U.S. Geol. Surv. iv. no. 2, p. 386, 1878). Oregon (Pliocene).

II. *Pallasicarbo*, *Coues*, MSS. 1898.

1. *perspicillatus* (*Pall.*). (p. 337.) Bering Isl.
 [Extinct.]

III. *NANNOPTERUM*, gen. n.*

(*Phalacrocorax*, pt., *Rothsch.* Bull. B. O. C. vii. p. lii, 1897; *Ogilvie Grant*, Cat. B. xxvi. p. 655, 1898.)

1. *harrisi*, *Rothsch. l. c.* (p. 655.) Narborough Isl., Galapagos Is.

IV. *Actiornis*, *Lydekker*.

(*Lydekker*, Cat. Foss. B. p. 56, 1891.)

1. *anglicus*, *Lydekker, l. c.* England
 (Upper Eocene)

Family II. *ODONTOPTERYGIDÆ*.

(*Lydekker*, Cat. Foss. B. p. 57, 1891.)

I. *Odontopteryx*, *Owen*.

(*Lydekker, l. c.* p. 57.)

1. *totiapira*, *Owen*. (L., p. 57.) England
 (Lower Eocene).

* *Phalacrocorax* alis brevissimis, quibus minimè volare potest avis inepta.

Family III. **PLOTIDÆ.**

(Ogilvie Grant, Cat. B. xxvi. p. 410, 1898.)

I. **PLOTUS**, *Linn.*(Ogilvie Grant, *t. c.* p. 410.)

- 1.
- rufus**
- ,
- Daud.*
- (p. 412.)

N. Syria
(Lake of Antioch).
Tropical Africa.
Madagascar.

- 2.
- melanogaster**
- (
- Gm.*
-). (p. 414.)

Mesopotamia,
Indian Peninsula,
Indo-Chinese countries,
Indo-Malayan Peninsula,
Borneo,
Philippine Is.,
Celebes.

- 3.
- novæ-hollandiæ**
- ,
- Gould.*
- (p. 417.)

Australia.
New Zealand.
S.E. New Guinea.

- 4.
- anhinga**
- (
- Linn.*
-). (p. 419.)

Tropical N. America.
C. & S. America.

- 5.
- nanus**
- ,
- E. Newt. & Gadow*
- , Tr. Z. S. xiii. p. 288
-
- (1893).

Mauritius (Pleistocene).

- 6.
- parvus**
- ,
- De Vis*
- , Proc. Linn. Soc. N. S. W. iii.
-
- p. 1286 (1888).

Queensland
(Post-Tertiary).Family IV. **SULIDÆ.**

(Ogilvie Grant, Cat. B. xxvi. p. 423.)

I. **SULA**, *Briss.*(Ogilvie Grant, *t. c.* p. 423.)

- 1.
- bassana**
- (
- Linn.*
-). (p. 425.)

N. Atlantic.
Gulf of Mexico (*winter*).
N. Africa (*winter*).
Canary Is. (*winter*).

- 2.
- serrator**
- ,
- Gray.*
- (p. 428.)

Australia.
New Zealand.

- 3.
- capensis**
- (
- Licht.*
-). (p. 429.)

S. Africa to Zanzibar and
Lower Congo.

4. *cyanops* (*Sandev.*). (p. 432.) S. Tropical Seas.
5. *abbotti*, *Ridgw.*, Proc. U.S. Nat. Mus. xvi. p. 599 Assumption Isl.,
(1893). Indian Ocean.
6. *piscatrix* (*Linn.*). (p. 432.) S. Atlantic.
Indian & Australian Seas.
Oceania.
7. *websteri*, *Rothsch.*, Bull. B. O. C. vii. p. liii Clarion Isl. to Lower
(1898). (p. 655.) California.
8. *variegata* (*Tschudi*). (p. 434.) Western S. America.
9. *nebouxii*, *Milne-Edw.* (p. 435.) Western America
(Lower California to
Chile).
10. *sula* (*Linn.*). (p. 436.) Tropical Atlantic.
Indian, Australian, and
Pacific Oceans.
11. *brewsteri*, *Goss.* (p. 440.) W. America
(Lower California to
Galapagos Is.).
12. *arbernensis*, *Milne-Edw.* (Lydekker, Cat. Foss. France (Lower Miocene).
B. p. 46.)
13. *ronzoni*, *Gerv.* (Lyd. t. c. p. 46.) France (Lower Miocene)
14. *pygmaea*, *Milne-Edw.*, Bibl. Haut Études, vi. France (Miocene).
art. v. (1874).
15. *lorosigma*, *Cope*, Tr. Amer. Phil. Soc. xiv. p. 236 N. Carolina (Miocene).
(1872).

Family V. FREGATIDÆ.

(Ogilvie Grant, Cat. B. xxvi. p. 442, 1898.)

I. FREGATA, *Briss.*

(Ogilvie Grant, t. c. p. 442.)

1. *aquila* (*Linn.*). (p. 443.) Tropical & Sub-tropical
Oceans of both hemi-
spheres.
2. *ariel* (*Gould*). (p. 447.) Tropical & Sub-tropical
Indian and Pacific
Oceans.

Family VI. **PHAETHONTIDÆ.**

(Ogilvie Grant, Cat. B. xxvi. p. 442, 1898.)

I. **PHAETHON**, *Linn.*(Ogilvie Grant, *t. c.* p. 450.)

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| 1. <i>rubricauda</i> , <i>Bodd.</i> (p. 451.) | Tropical Indian & Pacific Oceans.
Lower California (<i>acc.</i>). |
| 2. <i>lepturus</i> , <i>Daud.</i> (p. 453.) | Tropical Atlantic, Indian, & Pacific Oceans. |
| 3. <i>fulvus</i> (<i>Brandt.</i>) (p. 455.) | Christmas Isl., Indian Ocean. |
| 4. <i>americanus</i> , <i>Ogilvie Grant.</i> (p. 456.) | S.E. North America (Bermudas to West Indian Is.). |
| 5. <i>æthereus</i> , <i>Linn.</i> (p. 457.) | Tropical Atlantic and Pacific Oceans. |
| 6. <i>indicus</i> , <i>Hume.</i> (p. 459.) | Indian Ocean. |

Family VII. **PELECANIDÆ.**

(Ogilvie Grant, Cat. B. xxvi. p. 460, 1898.)

I. **PELECANUS**, *Linn.*(Ogilvie Grant, *t. c.* p. 460.)

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|---|---|
| 1. <i>onocrotalus</i> , <i>Gm.</i> (p. 462.) | S. Europe.
Africa.
N.W. India. |
| 2. <i>roseus</i> , <i>Gm.</i> (p. 466.) | Indian Peninsula to China and S. to Indo-Malayan Is.
S.E. Europe.
Africa. |
| 3. <i>crispus</i> , <i>Bruch.</i> (p. 468.) | S. Europe to N.W. India, Mongolia, & China. |
| 4. <i>philippensis</i> , <i>Gm.</i> (p. 471.) | Indian Peninsula to China & the Philippine Is. |

5. *rufescens*, *Gm.* (p. 474.) Tropical N. E. Africa.
6. *fuscus*, *Gm.* (p. 476.) Gulf of Mexico,
West Indies.
7. *californicus*, *Ridgw.* (p. 479.) Western N. America to
C. America and Gala-
pagos Arch.
8. *thagus*, *Mol.* (p. 480.) W. S. America
(Peru to Chile).
9. *erythrorhynchus*, *Gm.* (p. 481.) N. America.
C. America (*winter*).
10. *conspicillatus*, *Temm.* (p. 483.) Australia.
Tasmania.
New Guinea.
11. *rautleyi*, *Davies.* (Lydekker, Cat. Foss. B. p. 37.) Siwalik Hills (Lower
Pliocene).
12. *sibalcensis*, *Davies.* (L., p. 39.) Siwalik Hills (Older
Pliocene).
13. *intermedius*, *Fraas.* (L., p. 39.) Bavaria (Middle Mio-
cene).
14. *sp.* (L., p. 44.) Bavaria (Middle Mio-
cene).
15. *fraasi*, *Lydekker.* (L., p. 44.) Bavaria (Middle Mio-
cene).
16. *gracilis*, *Milne-Edw.* (L., p. 45.) France (Lower Miocene).
17. *probus*, *De Vis*, Proc. Linn. Soc. N. S. W. (2) Queensland (Pleistocene).
vi. p. 441 (1892).

Family VIII. PELAGORNITHIDÆ.

1. *Pelagornis*, *Lydekker.*

(Lydekker, Cat. Foss. B. p. 47, 1891.)

1. *muorarnus*, *Lydekker*, *l. c.*

France (Miocene).

II. *Argillornis*, *Owen*.

(Lydekker, Cat. Foss. B. p. 47, 1891.)

1. *longipennis*, *Owen*. (*Lydekker, l. c.*) England (Lower Eocene).

III. *Uptornis*, *Amegh*.

(Amegh., Bol. Inst. Geogr. Argent. xv. p. 99, 1895.)

1. *hesternus*, *Amegh, l. c.* Patagonia (Miocene).

Order XXIV. CATHARTIDIFORMES.

(Sharpe, Classif. B. p. 78, 1891.)

Family I. CATHARTIDÆ.

I. *SARCORHAMPHUS*, *Dum*.

(Sharpe, Cat. B. i. p. 20, 1874.)

1. *gryphus* (*Linn.*). (p. 20.) Andes of Ecuador, Peru,
Chile, and Patagonia,
N. to Rio Negro.
2. *æquatorialis*, *Sharpe*. (p. 21.) Ecuador.
? Colombia.

II. *GYPAGUS*, *Vieill*.(*Cathartes*, nec Ill., Sharpe, *t. c.* p. 22.)

1. *papa* (*Linn.*). (p. 22.) Mexico to Panama.
Tropical S. America.

III. *CATHARISTES*, *Vieill*.(Sharpe, *t. c.* p. 23.)

1. *urubu* (*Vieill.*). (p. 24.)* Tropical S. America.
C. America.
E. & S. United States.

IV. *CATHARTES*, *Illig*.[*Rhinogryphus*, *Ridgw.* (p. 455); *Ænops*, *Sharpe* (p. 25).]

1. *aura* (*Linn.*). (p. 25.) N. & C. America.
Tropical S. America
(*winter*).
2. *falklandicus* (*Sharpe*). (p. 27.) Falkland Is.,
Patagonia, Chile.
3. *perniger* (*Sharpe*). (p. 26.) Guiana,
Amazonia, Peru.

* Cf. Coues, *Auk*, xvii. p. 84 (Jan. 1899).

4. *burrovianus*, *Cass.*, Proc. Acad. Philad. ii. p. 212 (1845). Amazonia, Guiana,
N. to E. Mexico.
[*urubitinga*, Pelz. (p. 28.)]

V. *PSEUDOGRYPHUS*, *Ridgw.*

(Sharpe, Cat. B. i. p. 455, 1874.)

1. *californianus* (*Shaw & Nodder*). (p. 28.) Southern California to
Lower California.

VI. *Palaeoborus*, *Coues*.

(Coues, Key N. A. B. 1884, p. 822.)

1. *umbrosus* (*Cope*, Proc. Acad. Philad. 1874, p. 151). New Mexico (Pliocene).

Order XXV. ACCIPITRIFORMES.

(Sharpe, Classif. B. p. 78, 1891.)

Sub-Order I. *SERPENTARI*.

(Sharpe, *t. c.* p. 78.)

Family I. *SERPENTARIIDÆ*.

I. *SERPENTARIUS*, *Cuv.*

(Sharpe, Cat. B. i. p. 44, 1874.)

1. *serpentarius* (*Miller*). S. & E. Africa.
[*secretarius*, Cat. p. 45.]
2. *gambiensis*, *Ogilby*. (p. 45, pt.) * Senegambia, Sudan,
to Shoa.
3. *robustus*, *Milne-Edw.* (Lydekker, Cat. Foss. B. France (Lower Miocene)
p. 33.)

Sub-Order II. *ACCIPITRES*.

(Sharpe, Classif. B. p. 78, 1891.)

Family I. *VULTURIDÆ*.

(Sharpe, Cat. B. i. p. 2, 1874.)

I. *VULTUR*, *Briss.*

(Sharpe, *t. c.* p. 2.)

1. *monachus* (*Linn.*). (p. 3.) S. Europe. N.E. Africa.
C. Asia to India & China.

* Count S. Loderi considers that the Secretary-bird of the Sudan is distinct from the South-African bird.

II. GYPS, *Savigny*.

(Sharpe, Cat. B. i. p. 4, 1874.)

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|---|--|
| 1. fulvus (<i>Gm.</i>). (p. 6.) | S. & C. Europe.
N. Africa & Sudan. |
| [<i>hispaniolensis</i> , Sharpe, Cat. p. 6.] | |
| 2. fulvescens , <i>Hume</i> . (p. 7.) | Afghanistan,
N. India. |
| 3. himalayensis , <i>Hume</i> . (p. 8.) | Himalayas, Tibet,
Turkestan. |
| 4. kolbi (<i>Daud.</i>). (p. 8, pl. i.) | S. Africa. |
| 5. rueppelli (<i>Brehm</i>). (p. 9.) | W. Egypt,
N.E. Africa,
E. Africa to Transvaal,
Damara-land. |
| 6. indicus (<i>Scop.</i>). (p. 10.) | Indian Peninsula,
Indo-Chinese countries,
Malay Peninsula. |
| [<i>tenuirostris</i> , Hodgs., Blanford, Faun. Brit. Ind.,
Birds, iii. p. 322, 1895.] | |
| 7. pallescens , <i>Hume</i> . (p. 11.) | N.W. India. |
| [<i>indicus</i> , <i>Scop. teste</i> Blanford, <i>t. c.</i> p. 323.] | |
| 8. melitensis , <i>Lyddekker</i> , P.Z.S. 1890, p. 404; <i>id.</i> | Malta (Pleistocene). |
| Cat. Foss. B. p. 29. | |

III. PSEUDOGYPS, *Sharpe*.(Sharpe, *t. c.* p. 11.)

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| 1. bengalensis (<i>Gm.</i>). (p. 11.) | Indian Peninsula,
Indo-Chinese countries,
Malay Peninsula. |
| 2. africanus (<i>Salvad.</i>). (p. 12.) | Tropical Africa. |

IV. OTOGYPS, *Gray*.(Sharpe, *t. c.* p. 13.)

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| 1. auricularis (<i>Daud.</i>). (p. 13.) | Tropical Africa,
Egypt.
S. Europe (<i>occ.</i>). |
| 2. calvus (<i>Scop.</i>). (p. 14.) | Indian Peninsula,
Indo-Chinese countries. |

V. LOPHOGYPS, *Bp.*(Sharpe, *t. c.* p. 15.)

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|---|------------------|
| 1. occipitalis (<i>Burch.</i>). (p. 15.) | Tropical Africa. |
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VI. **NEOPHRON**, *Savign.*

(Sharpe, Cat. B. i. p. 16, 1874.)

1. **percnopterus** (*Linn.*). (p. 17.)

S. Europe. Africa.
Mediterraneo-Persic
Sub-region.

2. **ginginianus** (*Lath.*). (p. 18.)

Indian Peninsula.

VII. **NECROSYRTES**, *Gloger.*

[*Neophron*, pt., Sharpe, *t. c.* p. 16.]

1. **pileatus** (*Burch.*). (p. 18.)

S. Africa.

2. **monachus** (*Temm.*). (p. 19.)

N.E. Africa.
E. Africa: Sudan.
W. Africa.

INCERTÆ SEDIS.

VIII. **Uthornis**, *Owen.*

(Lydekker, Cat. Foss. B. p. 34.)

1. **bullurinus**, *Owen.* (L., p. 35.)

England (Lower Eocene)

IX. **Teracus**, *Aymard.*

(Lydekker, *t. c.* p. 28.)

1. **littoralis**, *Aymard.* (L., p. 28.)

France (Lower Miocene).

Family II. **FALCONIDÆ.**

(Sharpe, Cat. B. i. p. 30, 1874.)

Sub-Family I. **POLYBORINÆ.**

(Sharpe, *t. c.* p. 30.)

I. **POLYBORUS**, *Vieill.*

(Sharpe, *t. c.* p. 31.)

1. **tharus** (*Mol.*). (p. 31.)

Brazil & Amazonia, S. to
Str. of Magellan.

2. **cheriway** (*Jacq.*). (p. 33.)

S. United States & Lower
California to C. America,
Colombia, Ecuador,
Guiana. Trinidad.
Cuba.

3. **pallidus**, *Nelson*, Proc. Biol. Soc. Washington,
xii. p. 8 (1898).

Tres Marias Is.

4. **lutosus**, *Ridgw.*, Bull. U.S. Geol. Surv. i. p. 489
(1876).

Guadalupe Is.,
California.

II. *IBYCTER*, Vieill.

(Sharpe, Cat. B. i. p. 34, 1874.)

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|---|---|
| 1. <i>ater</i> (Vieill.). (p. 35.) | Brazil.
Amazonia to Guiana and Ecuador. |
| 2. ? <i>fasciatus</i> (Spir.). (p. 34, note.) | Brazil. |
| 3. <i>americanus</i> (Bodd.). (p. 36.) | Brazil and Amazonia to Ecuador & Colombia.
C. America to Honduras & Guatemala. |
| 4. <i>megalopterus</i> (Meyen). (p. 36.) | Andes of Peru, Chile, and Bolivia. |
| 5. <i>albigularis</i> (Gould). (p. 37.) | Patagonia. |
| 6. <i>carunculatus</i> (Des Murs). (p. 38.) | Ecuador, Colombia. |
| 7. <i>australis</i> (Gm.). (p. 39.) | Falkland Is. |

III. *MILVAGO*, Spix.(*Ibycter*, pt., Sharpe, t. c. p. 39.)[†]

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| 1. <i>chimachima</i> (Vieill.). (p. 40.) | Brazil, Amazonia,
Guiana, Colombia,
Panama. |
| 2. <i>chimango</i> (Vieill.). (p. 41.) | S.E. Brazil.
Chile to Straits of
Magellan. |

Sub-Family II. *ACCIPITRINÆ*.

(Sharpe, Cat. B. i. p. 46, 1874.)

IV. *POLYBOROIDES*, Smith.

(Sharpe, t. c. p. 47.)

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|--------------------------------------|------------------|
| 1. <i>radiatus</i> (Scop.). (p. 48.) | Madagascar. |
| 2. <i>typicus</i> , Smith. (p. 48.) | Tropical Africa. |

V. *Harpagornis*, Haast.

(Haast, Trans. N.Z. Inst. iv. p. 192, 1891.)

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| 1. <i>moorri</i> , Haast, l. c. | New Zealand
(Pleistocene). |
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VI. CIRCUS, *Lacép.*

(Sharpe, Cat. B. i. p. 50, 1874.)

1. *cyaneus* (*Linn.*). (p. 52.)
N. Europe & N. Asia.
N.E. Africa.
Indian Peninsula and
China (*winter*).
2. *hudsonius* (*Linn.*). (p. 55.)
N. America.
C. America (*winter*).
Bahamas (*winter*).
Cuba (*winter*).
3. *cinereus*, *Vieill.* (p. 56.)
S. Brazil to Peru, S. to
Chile & Str. of Magellan.
Falkland Is.
4. *spilonotus*, *Kaup.* (p. 58.)
E. Siberia.
China & Indo-Burmese
countries (*winter*).
Malay Archipelago
(*winter*).
5. *maillardi*, *Verr.* (p. 59.)
Réunion Isl.
Comoro Is.
6. *macroscelis*, *A. Newton.* (p. 73.)
Madagascar.
7. *spilothorax*, *Salvad. & D'Alb.*, Ann. Mus. Civic.
Genov. vii. p. 807 (1875).
S.E. New Guinea.
8. *maurus* (*Temm.*). (p. 60.)
S. Africa.
9. *melanoleucus* (*Forst.*). (p. 61.)
E. Siberia, Mongolia.
China (*winter*).
Philippines (*winter*).
N.E. Indian Peninsula &
Indo-Chinese countries
(*winter*).
10. *maculosus* (*Vieill.*). (p. 62.)
S. America.
11. *assimilis*, *J. & S.* (p. 63.)
E. Australia.
Celebes.
12. *pygargus* (*Linn.*). (p. 64.)
Temperate Europe & Asia.
Africa (*winter*).
Indian Peninsula (*winter*).
China (*winter*).

13. *abdullæ*, *Floericke*, Orn. MB. iv. p. 155 (1896). Caucasus.
14. *macrurus* (*S. G. Gm.*). (p. 67.) E. Europe & Temperate Asia.
Africa (*winter*).
Indian Peninsula and China (*winter*).
15. *æruginosus* (*Linn.*). (p. 69.) Temperate Europe.
Siberia.
China (*winter*).
Indian Peninsula (*winter*).
N. Africa (*winter*).
16. *ranivorus* (*Daud.*). (p. 71.) S. Africa.
17. *gouldi*, *Bp.* (p. 72.) S. & E. Australia.
New Zealand.
18. *wolfi*, *Gurney*. (p. 72, pt.) New Caledonia.
Fiji Is.
19. *hamiltoni*, *H. O. Forbes*, Trans. N.Z. Inst. xxiv. p. 186 (1892). New Zealand (Pleistocene).
20. *trautensis*, *H. O. Forbes*, *t. c.* p. 186. New Zealand (Pleistocene).

VII. MICRASTUR, *Gray*.

(Sharpe, Cat. B. i. p. 74, 1874.)

1. *melanoleucus* (*Vieill.*). (p. 75.) C. & S. America.
2. *mirandollei* (*Schl.*). (p. 76.) Amazonia, Guiana, Panama.
3. *ruficollis* (*Vieill.*). (p. 76.) Brazil & Amazonia, Guiana, Venezuela.
4. *pelzelni*, *Ridgw.*, Proc. Acad. Nat. Sci. Philad. 1875, p. 494. Upper Amazonia.
5. *galvicollis* (*Vieill.*). (p. 78.) Brazil, Amazonia, Colombia, Peru.
6. *guerilla*, *Cass.* (p. 79.) C. America, Ecuador.
7. *jugularis*, *Gurney*, List Diurn. B. Prey, pp. 25, 117 (1884). Brazil, Venezuela, Colombia.
8. *zoncthorax* (*Cab.*). (p. 79.) Colombia, Venezuela.

VIII. GERANOSPIZIAS, *Sundev.*

(Sharpe, Cat. B. i. p. 80, 1874.)

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| 1. <i>cærulescens</i> (<i>Vicill.</i>). (p. 81.) | Tropical S. America.
Brazil, Bolivia,
Ecuador to Panama. |
| 2. <i>niger</i> (<i>Du Bus</i>). (p. 82.) | O. America.
Mexico to Panama. |
| 3. <i>gracilis</i> (<i>Temm.</i>). (p. 81, pt.) | Brazil,
Paraguay. |

IX. UROTRIORCHIS, *Sharpe.*

(Sharpe, *t. c.* p. 83.)

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| 1. <i>macrurus</i> (<i>Hartl.</i>). (p. 83.) | W. Africa. |
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X. PARABUTEO, *Ridgw.*, in B., B., & R. Hist. N. Amer. B. iii.
p. 248 (1874).

[*Antenor*, Ridgw. (nec Montf.), Pr. Bost. Soc. N. H. xvi.
p. 63 (1873).

Erythrocnema, Sharpe, Cat. B. i. p. 84 (1874).]

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|---|--|
| 1. <i>unicinctus</i> (<i>Temm.</i>). (p. 85.) | Tropical S. America. |
| 2. <i>harrisi</i> (<i>Audub.</i>). (p. 85, pt.) | S. United States.
Lower California.
Central America. |

XI. MELIERAX, *Gray.*

(Sharpe, *t. c.* p. 86.)

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| 1. <i>canorus</i> (<i>Rislach</i>). (p. 87.) | E. Africa. |
| 2. <i>poliopterus</i> , <i>Cab.</i> (p. 88.)
[<i>somaliensis</i> , Oscar Neumann, Orn. MB. v. p. 192
(1897).] | E. Africa (Somali-land
to Kilimanjaro). |
| 3. <i>polyzonus</i> (<i>Rüpp.</i>). (p. 88.) | N.E. Africa (Sudan
to Mogador and
Senegambia).
S. Arabia. |
| 4. <i>mechowi</i> , <i>Cab.</i> , J. f. O. 1882, p. 220. | Angola.
Damara-land to
Mashona-land. |

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| 5. ? <i>metabates</i> , <i>Heugl.</i> (p. 92.) | White Nile. |
| 6. <i>gabar</i> (<i>Daud.</i>). (p. 89.) | S. Africa.
E. & N.E. Africa. |
| 7. <i>niger</i> (<i>Vicill.</i>). (p. 91.) | S. Africa.
E. & N.E. Africa. |

XII. *ASTUR*, *Lacép.*

(Sharpe, Cat. B. i. p. 92, 1874.)

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|---|--|
| 1. <i>palumbarius</i> (<i>Linn.</i>). (p. 95.) | N. & C. Europe.
Siberia.
Himalayas. |
| 2. <i>hensti</i> , <i>Schl.</i> (p. 97.) | Madagascar. |
| 3. <i>candidissimus</i> , <i>Dyb.</i> , Bull. Soc. Zool. France,
viii. p. 353 (1883). | Kamtschatka. |
| 4. <i>atricapillus</i> (<i>Wils.</i>). (p. 99.) | N. America. |
| 5. <i>striatulus</i> , <i>Ridgw.</i> (p. 456.) | Western N. America
(Sitka to Sierra
Nevada). |
| 6. <i>tachiro</i> (<i>Daud.</i>). (p. 99.) | S.E. Africa. |
| 7. <i>unduliventer</i> (<i>Rüpp.</i>). (p. 99, pt.) | N.E. Africa. |
| 8. <i>sparsimfasciatus</i> , <i>Reichen.</i> , Orn. MB. iii. p. 97
(1895). | Zanzibar Isl. |
| 9. <i>castanilius</i> (<i>Bp.</i>). (p. 80.)
[<i>macroscelides</i> , <i>Hartl.</i> (p. 100.)] | W. Africa. |
| 10. <i>toussenelii</i> , <i>Ferr.</i> (p. 101.) | W. Africa. |
| 11. <i>trinotatus</i> (<i>Bp.</i>). (p. 101.) | N. Celebes. |
| 12. <i>hæsitandus</i> (<i>Hartert</i> , Nov. Zool. iii. p. 162,
1896). | S. Celebes. |
| 13. <i>henicogrammus</i> , <i>Gray.</i> (p. 124.)
[<i>muelleri</i> , <i>Wall.</i> (p. 102.)] | Moluccas (Halmahéra,
Morotai). |
| 14. <i>icogaster</i> (<i>Müll. & Schl.</i>). (p. 104.) | Moluccas (Amboina,
Ceram). |

15. **etorques** (*Salvad.*, Ann. Mus. Civic. Genov. vii. p. 901, 1878). New Guinea,
Salawati Isl.,
Jobi Isl., Mafor Isl.
16. **dampieri**, *Gurney*, Ibis, 1882, p. 453. Bismarck Archipelago.
17. **pulchellus**, *Ramsay*, Journ. Linn. Soc. xvi. p. 131 (1881). Solomon Is.
(Cape Pitt, Florida Isl.).
18. **miscriensis** (*Salvad.*, Ann. Mus. Civic. Genov. vii. p. 904, 1875). Misori & Jobi Is.,
N.W. New Guinea.
19. **shebæ**, *Sharpe*, P. Z. S. 1888, p. 183. Solomon Is.
(Guadalcanar).
20. **sylvestris** (*Wall.*). (p. 104.) Lesser Sunda Is.
(Flores).
21. **sumbaensis** (*A. B. Meyer*, Abhandl. Ber. Mus. Dresd. 1892-93, p. 7). Lesser Sunda Is.
(Sumba).
22. **trivirgatus** (*Temm.*). (p. 105.) Indian Peninsula,
Ceylon,
Indo-Malayan Is.,
Formosa.
23. **rufitinctus**, *McClell.*, P. Z. S. 1839, p. 153. E. Himalayas to Assam,
Khasia Hills,
Indo-Chinese countries.
24. **griseiceps** (*Schl.*). (p. 106.) Celebes.
25. **brutus** (*Poll.*). (p. 107.) Mayotte Isl.,
N. of Madagascar.
26. **badius** (*Gm.*). (p. 109.) Indian Peninsula and
Ceylon.
27. **poliopsis** (*Hume*). (p. 110.) Burmese countries.
28. **cenchroides**, *Severtz.*, Turkest. Jevotn. p. 63 (1873). C. Asin.
Baluchistan.
29. **brevipes**, *Severtz.* (p. 111.) S.E. Europe,
Palestine, Egypt.
30. **sphenurus** (*Rüpp.*). (p. 112.) N.E. Africa :
Sudan to Senegambia.

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| 31. <i>polyzonoides</i> (Smith). (p. 113.) | S. Africa, N. to
Nyasa-land. |
| 32. <i>butleri</i> , J. H. Gurney, Jun., Bull. B. O. C. vii.
p. xxvii (1898). | Car Nicobar Isl. |
| 33. <i>soloensis</i> (Lath.). (p. 114.) | China,
Indo-Chinese countries,
Malay Peninsula (<i>winter</i>),
Indo-Malayan Is. (<i>winter</i>),
Molucca Is. (<i>winter</i>). |
| 34. <i>cuculoides</i> (Temm.). (p. 115.) | China, S. to Malayan
Archipelago (<i>winter</i>). |
| 35. <i>tibialis</i> , Ferr. (p. 108.) * | W. Africa. |
| 36. <i>franciscæ</i> (Smith). (p. 116.) | Madagascar. |
| 37. <i>pusillus</i> (Gurney, Ibis, 1875, p. 259). | Comoro Is. |
| 38. <i>poliocephalus</i> (Gray). (p. 117.)
[<i>spilothorax</i> (Salvad. Ann. Mus. Civic. Genov.
vii. p. 900, 1875).] | New Guinea,
Salawati,
Mysol, Waigiou,
Aru Is. |
| 39. <i>cinereus</i> (Vieill.). (p. 119.) | S. & E. Australia. |
| 40. <i>novæ-hollandiæ</i> (Gm.). (p. 118.) | S. & E. Australia,
Tasmania. |
| 41. <i>leucosomus</i> , [♂] Sharpc. (p. 119.) | New Guinea,
Waigiou. |
| 42. <i>haplochrous</i> (Sch.). (p. 119.) | New Caledonia. |
| 43. <i>albigularis</i> (Gray). (p. 120.) | Solomon Is.
(S. Christoval). |
| 44. <i>versicolor</i> , Ramsay, Proc. Linn. Soc. N. S. W.
vi. p. 718 (1881). | Ugi Isl.,
Solomon Archipelago. |
| 45. <i>sharpei</i> , Oust., Bull. Soc. Philom. (6) ii. p. 25
(1879). | Marianne Is. |
| 46. <i>jardinii</i> , Gurney, Ibis, 1887, p. 96, pl. iii. | Patr. ign. |

* ? *castanius*, juv., Reichenow in litt.

47. *woodfordi*, *Sharpe*, P. Z. S. 1888, p. 183. Solomon Is.
(Guadalcanar).
48. *meyerianus*, *Sharpe*, Journ. Linn. Soc. xiii.
p. 458, pl. 22 (1877). Jobi Isl.,
N.W. New Guinea.
49. *poliogaster* (*Temm.*). (p. 120.) Brazil.
50. *pectoralis* (*Bp.*). (p. 121.) Brazil,
Guiana.
51. *rufitorques*, *Peale*. (p. 121.) Fiji Is.
52. *griseigularis*, *Gray*. (p. 124.)
[*halmaherae*, A. B. Meyer, Sitz. Ges. 'Isis,'
Dresd. 1884, Abh. i. p. 11.] Molucca Is. (Halmahéra,
Batchian, etc.),
Obi Is.
53. *albiventris*, *Salvad.*, Ann. Mus. Civic. Genov.
vii. p. 982 (1875). Kei Is., Moluccas.
54. *novæ-guineæ*, *Madarász*, Termes Fuzet. 1899,
p. 27. German New Guinea.
55. *natalis*, *Lister*, P. Z. S. 1888, p. 523. Christmas Isl.,
Indian Ocean.
56. *polionotus*, *Salvad.*, Mem. Acad. Torino, xl.
p. 19 (1889). Tenimber Isl.
57. *pallidiceps* (*Salvad.*, Ibis, 1879, p. 473). Molucca Is. (Buru).
58. *melanochlamys* (*Salvad.*, Ann. Mus. Genov.
vii. p. 905, 1875). N.W. New Guinea.
59. *holomelas*, *Sharpe*, P. Z. S. 1888, p. 182. Solomon Is.
(Guadalcanar).
60. *torquatus* (*Timm.*). (p. 125.) New Guinea.
Lesser Sunda Is.
61. *approximans*, *Vig.* (p. 126.)
[*maculosus*, Coles, Vict. Nat. xiv. p. 43, 1897.] Australia.
62. *cruentus*, *Gould*. (p. 127.) W. Australia.
63. *wallacii*, *Sharpe*. (p. 128.) Lesser Sunda Is.
(Lombok).
64. *alphonsti*, *F. Newt. & Gadow*, Tr. Z. S. xiii. p. 285,
pl. xxxiii. figs. 9, 10 (1893). Mauritius (Pleistocene).

XIII. NISOIDES, *Pollen*.

(Sharpe, Cat. B. i. p. 129, 1874.)

1. *moreli*, *Pollen*. (p. 129.) W. Madagascar.

XIV. ACCIPITER, *Briss*.(Sharpe, *t. c.* p. 132, 1874.)

1. *nisus* (*Linn.*). (p. 132.) Europe & N. Asia.
Indian Peninsula,
China (*winter*).
2. *pallens*, *Stejn.*, Proc. U.S. Nat. Mus. xvi. p. 625
(1893). Kamchatka.
Japan.
3. *melanoschistus*, *Hume*. (p. 132, note.) Himalayas.
4. *punicus*, *Erlanger*, Orn. MB. v. p. 187 (1897). Tunis.
5. *granti*, *Sharpe*, Ann. & Mag. Nat. Hist. (6)
v. p. 483 (1890). Madeira.
6. *fuscus* (*Gm.*). (p. 135.) N. America.
C. America to Guatemala
(*winter*).
7. *rufilatus*, *Ridgw.*, Pr. U. S. Nat. Mus. xi. p. 92
(1888). W. United States to
C. America.
8. *fringilloides*, *Vig.* (p. 135, note.) Cuba, Haiti.
9. *cooperi* (*Bp.*). (p. 137.) Temperate N. America.
10. *mexicanus*, *Ridgw.*, Pr. U. S. Nat. Mus. xi. p. 92
(1888). W. United States to
C. America.
11. *gundlachi*, *Lawr.* (p. 137, note.) Cuba.
12. *tinus* (*Lath.*). (p. 139.) Tropical S. America,
N. to Panama.
13. *minullus* (*Daud.*). (p. 140.) S. Africa.
14. *tropicalis*, *Reichen.*, J. f. O. 1893, p. 139. E. Africa.
15. *erythrops* (*Hartl.*). (p. 141.) W. Africa (Gold Coast)
[*zenkeri*, *Reichen.*, Orn. MB. ii. p. 125 (1894),
teste Reichen. in litt.] to Cameroons.

16. *ovampensis*, *Gurney*, *Ibis*, 1875, p. 367, pl. vi. S.W. Africa (*Ovampo*),
E. to Nyasa-land and the
Zambesi.
17. *cirrhocephalus* (*Vieill.*). (p. 141.) Australia.
18. *madagascariensis*, *Verr.* (p. 143.) Madagascar
19. *collaris* (*Kaup*). (p. 144.) Colombia.
20. *rubricollis*, *Wall.* (p. 144.) Moluccas
(Morotai, Buru).
21. *brachyurus* (*Ramsay*, *Proc. Linn. Soc.*
N. S. W. iv. p. 465, 1879). New Britain.
22. *erythrauchen*, *Gray.* (p. 145.) Moluccas (Halmahéra,
Batchian).
23. *rhodogaster* (*Schl.*). (p. 146.) Celebes.
24. *sulaensis* (*Schl.*). (p. 146.) Sula Is.
25. *erythrocnemis*, *Gray.* (p. 147.) Brazil to Bolivia.
26. *chionogaster* (*Kaup*). (p. 148.) C. America (Guatemala,
Nicaragua).
27. *salvini* (*Ridgw.*, *Bull. U.S. Geol. Surv.* ii.
p. 121, 1876). Venezuela.
28. *rufiventris*, *Smith.* (p. 148.) S. & N.E. Africa.
29. *ventralis*, *Scl.* (p. 149.) Venezuela to Colombia
30. *nigriplumbeus*, *Lawr.*, *Ann. Lye. N. Y.* ix.
p. 270 (1869). Ecuador & Peru.
31. *hartlaubi* (*Ferr.*). (p. 150.) W. Africa (Senegambia
to Gaboon).
32. *b ttikoferi*, *Sharpe*, *Notes Leyd. Mus.* x. p. 199
(1888). W. Africa (Liberia).
33. *virgatus* (*Temm.*). (p. 150.) S. India, Ceylon,
Andamans,
Greater Sunda Is.,
Philippine Is.

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| 34. <i>affinis</i> , <i>Hodgs.</i> (p. 150, pt.) | Himalayas, Formosa. |
| 35. <i>gularis</i> (<i>Temm. & Schl.</i>). (p. 150, pt.) | Japan, N. China,
Malay Peninsula,
Malay Archipelago, |
| 36. <i>manillensis</i> (<i>Meyen</i>). (p. 150, pt.) | Philippine Is. |
| 37. <i>rufotibialis</i> , <i>Sharpe</i> , <i>Ibis</i> , 1887, p. 437. | Mt. Kina Balu,
N.W. Borneo. |
| 38. <i>guttatus</i> (<i>Vicill.</i>). (p. 152.) | Paraguay to Bolivia. |
| 39. <i>pileatus</i> (<i>Temm.</i>). (p. 153.) | Brazil. |
| 40. <i>bicolor</i> (<i>Vicill.</i>). (p. 154.) | C. America to Colombia,
Ecuador, and Guiana. |
| 41. <i>chilensis</i> , <i>Philippi & Landb.</i> (p. 155.) | Chile to Str. of Magellan. |
| 42. <i>melanoleucus</i> , <i>Smith.</i> (p. 156.) | Tropical Africa.
Cape Verde Is. |

Sub-Family III. *BUTEONINÆ*.

(Sharpe, *Cat. B. i.* p. 158, 1874.)

XV. *ERYTHROTRIORCHIS*, *Sharpe*, *P. Z. S.* 1875, p. 337.

[*Urospizias* (nec *Kaup*), *Sharpe*, *Cat. B. i.* p. 159 (1874).

Megatriorchis, *Salvad. & D'Albert.*, *Ann. Mus. Civic. Genov.*

o/ vii. p. 85 (1875).]

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| 1. <i>radiatus</i> (<i>Lath.</i>). (p. 159.) | E., C., & N. Australia. |
| 2. <i>doriæ</i> (<i>Salvad. & D'Albert.</i> , <i>Ann. Mus. Civic. Genov.</i> vii. p. 85, 1875). | S.E. New Guinea. |

XVI. *HETEROSPIZIAS*, *Sharpe*.

(*Sharpe*, *t. c.* p. 160.)

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| 1. <i>meridionalis</i> (<i>Lath.</i>). (p. 160.) | Tropical S. America. |
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XVII. *TACHYTRIORCHIS*, *Kaup*.

(*Sharpe*, *t. c.* p. 161.)

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| 1. <i>albicaudatus</i> (<i>Vicill.</i>). (p. 162.) | Tropical S. America. |
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| 2. <i>abbreviatus</i> (<i>Cab.</i>). (p. 163.) | S. United States,
Lower California.
C. America to Guiana and
Venezuela. |
| 3. <i>sennetti</i> , <i>Allen</i> , Bull. Amer. Mus. N. H. v.
p. 144 (1893). | C. America to S. Texas. |
| 4. <i>colonus</i> (<i>Berlepsch</i> , J. f. O. 1892, p. 91). | Curaçoa Isl., Bonaire Isl. |

XVIII. GERANOÆTUS. *Kaup.*

(*Buteo*, pt., *Sharpe*, Cat. B. i. p. 164, 1874.)

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| 1. <i>melanoleucus</i> (<i>Vieill.</i>). (p. 168.) | Patagonia & Chile,
S. Brazil,
Peru, Colombia. |
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XIX. BUTEO. *Cuvier.*

(*Sharpe*, t. c. p. 164.)

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| 1. <i>galapagensis</i> (<i>Gould</i>). (p. 170.) | Galapagos Isl. |
| 2. <i>poliosomus</i> (<i>Q. & G.</i>). (p. 171.) | Chile, Patagonia.
Falkland Is. |
| 3. <i>erythronotus</i> (<i>King</i>). (p. 172.) | Patagonia to Chile and
Peru.
Falkland Is. |
| 4. <i>exsul</i> , <i>Salvin</i> , <i>Ibis</i> , 1875, p. 371. | Juan Fernandez Is. |
| 5. <i>hypospodius</i> , <i>Gurney</i> , <i>Ibis</i> , 1876, p. 73, pl. iii. | Colombia to Venezuela.
Amazonia, & Brazil. |
| 6. <i>pæcilochrous</i> , <i>Gurney</i> , <i>Ibis</i> , 1879, p. 176. | Ecuador. |
| 7. <i>jakal</i> (<i>Daud.</i>). (p. 173.) | South Africa. |
| 8. <i>augur</i> , <i>Rüpp.</i> (p. 175.) | N.E. Africa,
Equat. Africa. |
| 9. <i>auguralis</i> , <i>Salvad.</i> (p. 175, note.) | W. Africa to N.E. Africa. |
| 10. <i>ferox</i> (<i>S. G. Gm.</i>). (p. 176.) | S.E. Europe.
N.E. Africa to C. Asia
and N.W. India. |
| 11. <i>desertorum</i> (<i>Daud.</i>). (p. 179.) | S. & E. Europe.
Tropical Africa.
Indian Peninsula. |

12. *cirtensis* (*Lev.*). (p. 179, pt.) N. Africa.
13. *ménétriesi*, *Bogd.*, Trans. Soc. Kazan, viii.
p. 45 (1879). S.E. Europe.
14. *buteo* (*Linn.*). W. Europe.
[*vulgaris*, *Leach.* (p. 186.)] ? N. America (*acc.*).
15. *zimmermannæ*, *Ehmeke*, J. f. O. 1893, p. 117. E. & C. Europe.
16. *plumipes* (*Hodgs.*). (p. 180.) China, Japan,
E. Himalayas.
17. *leucccephalus*, *Hodgs.* E. Siberia,
[*hemilusius*, T. & S. (p. 182.)] W. China, Japan.
18. *brachypterus*, *Hartl.* (p. 183.) Madagascar.
19. *swainscni*, *Bp.* W. N. America to C. &
[*obsoletus*, *Sharpe* (nec *Gm.*). (p. 184.)] S. America (*winter*).
20. *solitarius*, *Peale*, Zool. U.S. Expl. Exp., Birds,
p. 62 (1848). Hawaiian Archipelago.
[*Onychotes gruberi*, *Ridgw.* Proc. Philad. Acad.
1870, p. 112. (p. 153, note.)]
21. *borealis* (*Gm.*). (p. 183.) E. N. America to
E. Mexico.
22. *krideri*, *Hoopes*, Proc. Philad. Acad. 1873,
p. 238, pl. v. Central United States.
23. *calurus*, *Cass.*, Proc. Philad. Acad. 1855, p. 231. Western N. America to
Mexico.
24. *lucasanus*, *Ridgw.*, Hist. N. Amer. B. iii.
p. 285 (1874). Lower California.
25. *socorroensis*, *Ridgw.*, Proc. U.S. Nat. Mus. iii.
p. 220 (1880). Socorro Isl.
26. *fumosus*, *Nelson*, Proc. Biol. Soc. Washington,
xii. p. 7 (1898). Tres Marias Is.
27. *costaricensis*, *Ridgw.*, Hist. N. Amer. B. iii.
p. 285 (1874). Costa Rica.
28. *cccperi*, *Cass.* (p. 172, note.) California.
29. *harlani* (*Audub.*). (p. 191.) S. United States.
C. America.
30. *lineatus* (*Gm.*). (p. 191.) Eastern N. America.

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| 31. <i>elegans</i> , <i>Cass.</i> (p. 191, pt.) | Western N. America. |
| 32. <i>alleni</i> , <i>Ridgw.</i> Proc. U.S. Nat. Mus. vii. p. 514 (1884). | Florida. |
| 33. <i>latissimus</i> (<i>Wils.</i>) (p. 193.) | Eastern N. America.
Central America (<i>winter</i>).
Northern S. America
(<i>winter</i>). |

XX. BUTEOLA, *Bp.*

(Sharpe, Cat. B. i. p. 201, 1874.)

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|--|---|
| 1. <i>brachyura</i> (<i>Vieill.</i>) (p. 201.) | Guiana and Amazonia to
Peru, and N. to Central
America & Florida. |
| 2. <i>fuliginosa</i> (<i>Scl.</i>), <i>Ridgw.</i> Man. N. Amer. B.
2nd ed. p. 236 (1896). (p. 184, pt.) | Tropical America.
C. America to N. Mexico
& Florida. |

XXI. ASTURINA, *Vieill.*

(Sharpe, t. c. p. 202.)

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|---|---|
| 1. <i>nitida</i> (<i>Lath.</i>) (p. 203.) | S.E. Brazil,
Amazonia, Guiana,
Colombia to Panama. |
| 2. <i>plagiata</i> , <i>Schl.</i> (p. 204.) | S.W. United States to
Central America (Costa
Rica & Guatemala). |

XXII. RUPORNIS, *Kaup.*

(Kaup, Classif. Säug. und Vög. p. 120, 1844.)

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|--|---|
| 1. <i>ruficauda</i> (<i>Scl. & Salv.</i>) (p. 205.) | C. America (S. Nicaragua
to Panama). |
| 2. <i>gracilis</i> , <i>Ridgw.</i> , Proc. U.S. Nat. Mus. viii.
p. 91 (1885). | Cozumel Isl.,
Yucatan. |
| 3. <i>pucherani</i> (<i>J. & E. Ferr.</i>) (p. 205.) | Paraguay, S.E. Brazil,
Bolivia. |
| 4. <i>ridgwayi</i> , <i>Cory</i> , Auk, i. p. 4 (1884). | Haiti & S. Domingo. |
| 5. <i>magirostris</i> (<i>Gm.</i>) (p. 207.) | Amazonia.
Guiana,
Colombia,
Lesser Antilles. |

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| 6. <i>griseicauda</i> , <i>Ridgw.</i> , Pr. Bost. Soc. N. H. xvi.
p. 47 (1873). | Mexico to Guatemala and
N. Nicaragua. |
| 7. <i>nattereri</i> (<i>Scl. & Salv.</i>). (p. 208.) | S.E. Brazil to Peru. |
| 8. <i>saturata</i> (<i>Scl. & Salv.</i> , P. Z. S. 1876, p. 357). | Bolivia, N. Argentina. |
| 9. <i>leucorrhoea</i> (<i>Q. & G.</i>). (p. 209.) | Brazil to Peru,
Colombia, Venezuela. |

XXIII. *BUSARELLUS*, *Lafr.*

(Sharpe, Cat. B. i. p. 210, 1874.)

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|---|---------------------------------|
| 1. <i>nigricollis</i> (<i>Lath.</i>). (p. 211.) | Brazil,
Amazonia,
Guiana. |
|---|---------------------------------|

XXIV. *BUTEOGALLUS*, *Less.*(Sharpe, *t. c.* p. 212.)

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|---|---------------------|
| 1. <i>æquinoctialis</i> (<i>Gm.</i>). (p. 212.) | Guiana to Colombia. |
|---|---------------------|

XXV. *URUBITINGA*, *Lafr.*(Sharpe, *t. c.* p. 212.)

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|---|--|
| 1. <i>urubitinga</i> (<i>Gm.</i>).
[<i>zonura</i> (<i>Shaw</i>). (p. 213.)] | Chile, Paraguay,
Brazil,
Amazonia,
Guiana.
C. America to Costa Rica. |
| 2. <i>ridgwayi</i> , <i>Gurney</i> , List Diurn. B. of Prey,
pp. 77, 148 (1884). | Mexico to Guatemala. |
| 3. <i>anthracina</i> (<i>Nitzsch</i>). (p. 215.) | Tropical America.
Cuba. C. America.
S.W. United States. |

XXVI. *LEUCOPTERNIS*, *Kaup.*(*Urubitinga*, pt., Sharpe, Cat. B. i. p. 212.)

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|--|---|
| 1. <i>schistacea</i> (<i>Sundev.</i>). (p. 216.) | Amazonia,
Colombia. |
| 2. <i>plumbea</i> , <i>Salvin.</i> (p. 216.) | Ecuador to Panama. |
| 3. <i>albicollis</i> (<i>Lath.</i>). (p. 216.) | Amazonia,
Guiana,
Venezuela,
Trinidad. |

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| 4. <i>occidentalis</i> , <i>Salvin</i> , Ibis, 1876, p. 496. | Puna Isl., Ecuador. |
| 5. <i>ghiesbrechti</i> (<i>Du Bus</i>). (p. 217.) | C. America (S. Mexico to Panama). |
| 6. <i>palliata</i> , <i>Pelz.</i> (p. 218.) | S. Brazil. |
| 7. <i>lacernulata</i> (<i>Tenn.</i>). (p. 218.) | S. Brazil. |
| 8. <i>kaupi</i> , <i>Bp.</i> (p. 219.) | Amazonia. |
| 9. <i>melanops</i> (<i>Lath.</i>). (p. 220.) | Amazonia,
Guiana. |
| 10. <i>semiplumbea</i> , <i>Lawr.</i> (p. 220.) | C. America (Panama to Costa Rica). |
| 11. <i>princeps</i> , <i>Scl.</i> (p. 220.) | Costa Rica. |

XXVII. *HARPYHALIAËTUS*, *Lafr.*

(Sharpe, Cat. B. i. p. 221, 1874.)

[*Plangus*, *Sundev.*; Sharpe, Bull. B. O. C. vi. p. xii, 1896.]

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|--|----------------------|
| 1. <i>coronatus</i> (<i>Vicill.</i>). (p. 221.) | South America, N. to |
| [<i>ucogæus</i> , <i>Sundev.</i> Cf. Sharpe, Bull. B. O. C. | Guatemala. |
| vi. p. xii, 1896.] | |

XXVIII. *MORPHNUS*, *Cuvier.*

(Sharpe, t. c. p. 222.)

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|---|---------------------------------|
| 1. <i>guianensis</i> (<i>Daud.</i>). (p. 222.) | Amazonia,
Guiana,
Panama. |
| 2. <i>tæniatus</i> , <i>Gurney</i> , Ibis, 1879, p. 173, pl. iii. | Ecuador. |

XXIX. *HARPYOPSIS*, *Salvad.*

(*Salvad. Ann. Mus. Civic. Genov.* vii. p. 682, 1875.)

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|--|------------------|
| 1. <i>novæ guineæ</i> , <i>Salvad. l. c.</i> | S.E. New Guinea. |
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XXX. *THRASAËTUS*, *Gray.*

(Sharpe, Cat. B. i. p. 223, 1874.)

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|---|--------------------------------------|
| 1. <i>harpyia</i> (<i>Linn.</i>). (p. 224.) | S. & C. America.
Mexico to Texas. |
|---|--------------------------------------|

XXXI. *Thygornis*, *Amegh.*

(Amegh., Bol. Inst. Geogr. Argent. xv. p. 100, 1895.)

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|--|----------------------|
| 1. <i>musculosus</i> , <i>Amegh. t. c.</i> p. 100. | Patagonia (Miocene). |
| 2. <i>debilis</i> , <i>Amegh. t. c.</i> p. 102. | Patagonia (Miocene). |

Sub-Family IV. *GYPAËTINÆ*.XXXII. *GYPAËTUS*, *Storr.*

(Sharpe, Cat. B. i. p. 228, 1874.)

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|--|---|
| 1. <i>barbatus</i> (<i>Linn.</i>). (p. 228.) | Mediterranean countries.
Centr. Europe.
E. to C. Asia,
Himalayas,
N. China. |
| 2. <i>atlantis</i> , <i>Erlang.</i> , J. f. O. 1898, p. 395. | Mts. of N. Africa. |
| 3. <i>ossifragus</i> (<i>Savign.</i>). (p. 230.) | Mts. of N.E. Africa to
S. Africa. |

Sub-Family V. *AQUILINÆ*.

(Sharpe, Cat. B. i. p. 225, 1874.)

XXXIII. *UROAËTUS*, *Kaup.*(Sharpe, *t. c.* p. 231.)

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|---|-------------------------|
| 1. <i>audax</i> (<i>Lath.</i>). (p. 231.) | Australia,
Tasmania. |
|---|-------------------------|

XXXIV. *Palaeocircus*, *Milne-Edw.*

(Lydekker, Cat. Foss. B. p. 22, 1891.)

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| 1. <i>rubirri</i> , <i>Milne-Edw.</i> (L., p. 22.) | France & England
(Upper Eocene). |
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XXXV. *AQUILA*, *Briss.* *

(Sharpe, Cat. B. i. p. 232, 1874.)

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|--|----------------------------|
| 1. <i>verreauxi</i> , <i>Less.</i> (p. 234.) | S. Africa.
N.E. Africa. |
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* For valuable notes on the Palearctic species of *Aquila* I am indebted to Dr. Bianchi.

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| 2. <i>chrysaëtus</i> (Linn.). (p. 233.)
[<i>nobilis</i> , Pall.] | Europe. N. Asia.
N. China.
N. America,
S. to Mexico. |
| 3. <i>daphanea</i> , <i>Hodgs.</i> (p. 235, pt.) | High C. Asia.
Himalayas. |
| 4. <i>heliaca</i> , <i>Savign.</i> (p. 238.) | S.E. Europe to Central
Asia, N. India, and
China. |
| 5. <i>adalberti</i> , <i>Brehm.</i> (p. 239.) | S.E. Europe.
N. Africa. |
| 6. <i>bifasciata</i> , <i>J. E. Gray.</i>
[<i>mogilnik</i> , Gm. (p. 240.)] | S.E. Europe to C. Asia
& N.W. India.
E. Siberia. |
| 7. <i>orientalis</i> , <i>Cab.</i> (p. 240, pt.) | Steppes of S. Europe and
Asia. |
| 8. <i>danana</i> , <i>Marsh</i> , Amer. Journ. Sci. ii. p. 125 (1871). | Nebraska (Pliocene). |
| 9. <i>plio gryps</i> , <i>Shufeldt</i> , J. Acad. Nat. Sci. Philad. xi.
p. 416 (1892). | Oregon (Pliocene). |
| 10. <i>sodalis</i> , <i>Shufeldt</i> , J. Acad. Nat. Sci. Philad. xi.
p. 417 (1892). | Oregon (Pliocene). |
| 11. <i>glitschi</i> , <i>Severtz.</i> , Stray Feathers, iii. p. 422
(1875). | Steppes of S. Europe and
Asia. |
| 12. <i>rapax</i> (<i>Temm.</i>). (p. 242.) | Africa to Mediterranean
countries, C. Asia, and
N.W. India. |
| 13. <i>vindhiana</i> , <i>Frankl.</i> (p. 243.) | Indian Peninsula. |
| 14. <i>fulvescens</i> , <i>J. E. Gray.</i> (p. 244, pt.) | C. Asia to N.W. India. |
| 15. <i>wahlbergi</i> , <i>Sunder.</i> (p. 245.) | Tropical Africa. |
| 16. <i>pomerana</i> , <i>Brehm.</i>
[<i>maculata</i> , Sharpe (nee Gm.), Cat. p. 246.
<i>rufonuchalis</i> , Brooks, Str. F. iv. p. 269 (1876).] | C. & S. Europe. |
| 17. <i>hastata</i> (<i>Less.</i>). (p. 248.) | Indian Peninsula,
Burmese countries. |
| 18. <i>maculata</i> , <i>Gm.</i>
[<i>clanga</i> , Pall. (p. 248.) (Cf. <i>Blanf. Ibis</i> , 1894,
p. 287.)] | S. Europe.
N.E. Africa.
C. & N.E. Asia.
Indian Peninsula. |

XXXVI. *ARCHIBUTEO*, *Brehm*.

(Sharpe, Cat. B. i. p. 195, 1874.)

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|---|--|
| 1. <i>lagopus</i> (<i>Gm.</i>). (p. 196.) | Europe, Siberia, Alaska.
S. Africa (<i>occ.</i>). |
| 2. <i>sancti-johannis</i> (<i>Gm.</i>). (p. 197.) | North America. |
| 3. <i>strophiatatus</i> (<i>Hodgs.</i>). (p. 199, pl. vii. fig. 2.) | Nepal & Tibet. |
| 4. <i>ferrugineus</i> (<i>Licht.</i>). (p. 199.) | W. North America to
Texas & Mexico. |

XXXVII. *EUTOLMAËTUS*, *Blyth*.[*Nisaëtus*, *Hodgs.*, Sharpe, Cat. B. i. p. 249 (1874).]

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|---|---|
| 1. <i>fasciatus</i> (<i>Vieill.</i>). (p. 250.) | Mediterranean countries,
E. to Indian Peninsula. |
| 2. <i>spilogaster</i> (<i>Bp.</i>). (p. 252.) | Tropical Africa. |
| 3. <i>pennatus</i> (<i>Gm.</i>). (p. 253.) | S. Russia.
Mediterranean countries.
Africa. C. Asia.
Indian Peninsula and
Ceylon. |
| 4. <i>morphnoides</i> (<i>Gould</i>). (p. 254.) | Australia. |
| 5. <i>depredator</i> (<i>Milne-Edw.</i>).
[<i>Cf.</i> Lydekker, Cat. Foss. B. p. 25.] | France (Lower Miocene). |
| 6. <i>prisus</i> (<i>Milne-Edw.</i>). (L., p. 25.) | France (Lower Miocene). |
| 7. <i>edwardsi</i> , <i>Sharpe</i> .
(<i>minutus</i> , <i>Milne-Edw.</i> , nec <i>Brehm.</i>) (L., p. 25.) | France (Lower Miocene). |

XXXVIII. *Palaeohierax*, *Milne-Edw.*

(Cf. Lydekker, Cat. Foss. B. p. 28, 1891.)

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|---|-------------------------|
| 1. <i>gerbaisi</i> , <i>Milne-Edw.</i> (L., p. 28.) | France (Lower Miocene). |
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XXXIX. *LOPHOTRIORCHIS*, *Sharpe*.

(Sharpe, Cat. B. i. p. 255, 1874.)

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|---|---|
| 1. <i>kieneri</i> (<i>Geoffr.</i>). (p. 255.) | Indian Peninsula, Ceylon,
Indo-Chinese Provinces,
Malay Peninsula, Indo-
Malayan Is., Celebes,
Lesser Sunda Is. |
|---|---|

2. *isidorei* (*Des Murs*). (p. 256.) Colombia.
3. *lucani*, *Sharpe & Bouvier*, Bull. Soc. Zool. France, Tropical Africa,
ii. p. 471 (1877).

XL. ICTINAËTUS, *Jerd.*

[*Cf. Blanf. Faun. Brit. Ind., Birds*, iii. p. 347, 1895.

Neopus, *Hodgs.*; *Sharpe*, Cat. B. i. p. 256 (1874).]

1. *malayensis* (*Temm.*). (p. 257.) Indian Peninsula &
Ceylon,
Burmese countries,
Malay Peninsula,
Greater Sunda Is., Celebes,
Sula Is.

XLI. SPIZIASTUR, *Gray.*

(*Sharpe*, Cat. B. i. p. 258, 1874.)

1. *melanoleucus* (*Vieill.*). (p. 258.) C. & S. America.

XLII. SPIZAËTUS, *Vieill.*

(*Sharpe*, *t. c.* p. 259.)

1. *ornatus* (*Daud.*). C. & S. America.
[*mauduyti* (*Daud.*). (p. 262.)]
2. *devillei*, *Dubois*, Bull. Acad. Belg. (2) xxxviii. Ecuador.
p. 129, pls. i. & ii (1874).
3. *tyrannus* (*Neuwied*). (p. 264.) C. & S. America.
4. *bellicosus* (*Daud.*). (p. 265.) S. Africa, E. Africa,
North to Shoa,
Abyssinia, and Bogos-
land.
5. *coronatus* (*Linn.*). (p. 266.) S. & W. Africa.
6. *nipalensis* (*Hodgs.*). (p. 267.) Himalayas,
China, Japan.
Plains of India (*winter*).
7. *cirrhatu*s (*Gm.*). (p. 269.) Indian Peninsula, Ceylon.
8. *sphinx*, *Hume*, Str. F. i. p. 321 (1873). S. India, Ceylon.
[*ceylonensis*, *Gurney*, *Ibis*, 1877, p. 430.]
9. *kelaarti*, *Legge*, *Ibis*, 1878, p. 202. S. India, Ceylon.

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| 10. <i>philippinensis</i> , <i>Gurney</i> . (p. 261, note.) | Philippine Is. |
| 11. <i>lanceolatus</i> , <i>Bp.</i> (p. 270.) | Celebes. |
| 12. <i>alboniger</i> (<i>Blyth</i>). (p. 271.) | Tenasserim,
Malayan Peninsula,
Greater Sunda Is. |
| 13. <i>limnaëtus</i> (<i>Horsf.</i>). (p. 272.) | Himalayas,
N.E. Bengal, Assam,
Burmese Provinces,
Malayan Peninsula,
Greater Sunda Is. |
| 14. <i>floris</i> , <i>Hartert</i> , Nov. Zool. v. p. 46 (1898). | Lesser Sunda Is. (Flores). |
| 15. <i>andamanensis</i> , <i>Tytler</i> . (p. 260, note.) | Andaman Is. |
| 16. <i>gurneyi</i> (<i>Gray</i>). (p. 273.) | Molucca Is.,
Aru Is., Waigiou,
New Guinea. |

XLIII. *LOPHOAËTUS*, *Kaup*.

(Sharpe, Cat. B. i. p. 274, 1874.)

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|---|------------------|
| 1. <i>occipitalis</i> (<i>Daud.</i>). (p. 274.) | Tropical Africa. |
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XLIV. *ASTURINULA*, *Finsch & Hartl.*

(Sharpe, t. c. p. 275.)

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|---|------------------|
| 1. <i>monogrammica</i> (<i>Temm.</i>). (p. 275.) | Tropical Africa. |
| 2. <i>meridionalis</i> (<i>Hartl.</i>). (p. 277.) | S. Africa. |

XLV. *HERPETOTHERES*, *Vieill.*

(Sharpe, t. c. p. 277.)

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| 1. <i>cachinnans</i> (<i>Linn.</i>). (p. 278.) | C. & S. America. |
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XLVI. *DRYOTRIORCHIS*, *Shelley.*

(Sharpe, t. c. p. 278.)

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|---|------------|
| 1. <i>spectabilis</i> (<i>Schl.</i>). (p. 279.) | W. Africa. |
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XLVII. EUTRIORCHIS, Sharpe.

(Sharpe, P. Z. S. 1875, p. 73.)

1. *astur*, Sharpe, l. c.

Madagascar.

XLVIII. CIRCAËTUS, Vieill.

(Sharpe, Cat. B. i. p. 280, 1874.)

1. *gallicus* (Gm.). (p. 280.)

E. & S. Europe,
Mediterranean countries.
N.E. Africa.
C. Asia.

2. *hypoleucus* (Pall.). (p. 280, pt.)

Indian Peninsula to
N. China.
S. to Lesser Sunda Is.

3. *cinereus*, Vieill. (p. 282.)

Tropical Africa.

4. *beaudouini*, Ferr. & Des Murs. (p. 284.)

Senegambia,
N.E. Africa.

5. *fasciolatus*, Gray. (p. 285.)

Natal.

6. *cinerascens*, Müll. (p. 285.)

Tropical Africa.

XLIX. PITHECOPHAGA, Ogilvie Grant.

(Ogilvie Grant, Bull. B. O. C. vi. p. xvii, 1896.)

1. *jefferyi*, Ogilvie Grant, l. c.; *id.* Ibis, 1897, pl. v. Philippine Is. (Samar).

L. SPILORNIS, Gray.

(Sharpe, Cat. B. i. p. 287, 1874.)

1. *cheela* (Lath.). (p. 287.)

Himalayas,
Indian Peninsula.

2. *albidus* (Temm.).
[*melanotis*, Jerd. (p. 289.)]

S. India,
Ceylon.

3. *rutherfordi*, Swinh.
[*melanotis*, pt. (p. 289.)]

Assam, Indo-Chinese
countries to Hainan.

4. *davisoni*, Hume.
[*melanotis*, pt. (p. 289.)]

Andaman Is.

5. *minimus*, Hume, Str. F. i. p. 464 (1873).

Nicobar Is.

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| 6. <i>pallidus</i> , <i>Walden</i> . (p. 290.) | Borneo. |
| 7. <i>bacha</i> (<i>Daud.</i>). (p. 290.) | Malayan Peninsula,
Philippine Is.,
Greater Sunda Is. |
| 8. <i>raja</i> , <i>Sharpe</i> , Bull. Brit. Orn. Club, i. p. lv
(1893). | Sarawak, Borneo. |
| 9. <i>salvadorii</i> , <i>Berl.</i> , Nov. Zool. ii. p. 73 (1895). | Nias Isl. |
| 10. <i>elgini</i> , <i>Tytler</i> . (p. 291.) | Andaman Is.,
Nicobar Is. |
| 11. <i>rufipectus</i> , <i>Gould</i> . (p. 291.) | Celebes. |
| 12. <i>sulaensis</i> (<i>Schl.</i>). (p. 292.) | Sula Is. |
| 13. <i>holospilus</i> (<i>Vig.</i>). (p. 293.) | Philippine Is. (Luzon,
Cebu, Mindanao,
Basilan). |
| 14. <i>panayensis</i> , <i>Steere</i> , List Birds & Mamm.
Philipp. p. 7 (1890). | Philippine Is. (Panay,
Guimaras, Negros). |
| 15. <i>asturinus</i> , <i>Meyer</i> , SB. Ges. Isis, Dresden,
p. 13 (1884). | Patr. ign. |

LI. BUTASTUR, *Hodgs.*

(*Sharpe*, Cat. B. i. p. 294, 1874.)

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|--|---|
| 1. <i>teesa</i> (<i>Frankl.</i>). (p. 295.) | Indian Peninsula,
Burmese Provinces. |
| 2. <i>liventer</i> (<i>Temm.</i>). (p. 296.) | Indo-Chinese Provinces,
Greater Sunda Is.,
Celebes. |
| 3. <i>indicus</i> (<i>Gm.</i>). (p. 297.) | Ussuri-land,
Japan, China to
Malay Peninsula,
Philippine Is., Celebes. |
| 4. <i>rufipennis</i> (<i>Sundev.</i>). (p. 299.) | N.E. Africa. |

LII. HELOTARSUS, *Smith.*

(*Sharpe*, t. c. p. 299.)

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|---|--------------------|
| 1. <i>ecaudatus</i> (<i>Daud.</i>). (p. 300.) | Tropical Africa. |
| 2. <i>leuconotus</i> , <i>Rüpp.</i> (p. 301.)* | N.E. to S. Africa. |

* [Professor Reichenow considers this to be merely the very old stage of *H. ecaudatus*. This seems to me probably the case.]

LIII. *HALIAËTUS*, *Savign.*

(Sharpe, Cat. B. i. p. 301, 1874.)

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|--|--|
| 1. <i>albicilla</i> (<i>Linn.</i>). (p. 302.) | Europe. N. Asia.
Greenland, Iceland.
N. Indian Peninsula and
China (<i>winter</i>). |
| 2. <i>pisrator</i> , <i>Milne-Edwards</i> .
(<i>Lydekker</i> , Cat. Foss. B. p. 24, 1891.) | France (Middle Miocene
of Sansan). |
| 3. <i>hypoleucus</i> , <i>Ridgw.</i> , Proc. U. S. Nat. Mus. vi.
p. 90 (1883). | Bering Isl. |
| 4. <i>leucocephalus</i> (<i>Linn.</i>). (p. 304.) | Temperate N. America. |
| 5. <i>alascanus</i> , <i>C. H. Towns.</i> , Proc. Biol. Soc. Wash-
ington, xi, p. 145 (1897). | N.W. America. |
| 6. <i>branicki</i> , <i>Tacz.</i> , P. Z. S. 1888, p. 451. | Korea, Ussuri. |
| 7. <i>leucogaster</i> (<i>Gm.</i>). (p. 307.) | Indian Peninsula,
Indo-Chinese Provinces,
Malay Peninsula, to
Australia & Oceania. |
| 8. <i>leucoryphus</i> (<i>Pall.</i>). (p. 308.) | Caspian Sea to Central
Asia.
Indian Peninsula,
Burmese Provinces. |
| 9. <i>vocifer</i> (<i>Daud.</i>). (p. 310.) | Tropical Africa. |
| 10. <i>vociferoides</i> , <i>Des Murs.</i> (p. 311.) | Madagascar. |

LIV. *THALASSOAËTUS*, *Kaup.*

(*Haliaëtus*, pt., Sharpe, t. c. p. 301.)

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|---|---|
| 1. <i>pelagicus</i> (<i>Pall.</i>). (p. 306.) | Kamtchatka.
Japan (<i>winter, occ.</i>). |
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LV. *GYPHIERAX*, *Rüpp.*

(Sharpe, t. c. p. 312.)

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|--|------------------|
| 1. <i>angolensis</i> (<i>Gm.</i>). (p. 312.) | Tropical Africa. |
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LVI. *HALIASTUR*, *Selby.*

(Sharpe, t. c. p. 312.)

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|---|--|
| 1. <i>indus</i> (<i>Bodd.</i>). (p. 313.) | Indian Peninsula,
Ceylon,
Burmese Provinces. |
|---|--|

2. *intermedius*, Gurney. (p. 314.) Indo-Chinese Provinces,
Malay Peninsula,
Greater Sunda Is.,
Philippine Is., Celebes.
3. *girrenera* (Vieill.). (p. 315.) Australia,
New Guinea,
Molucca Is.,
Tenimber Is., Ceram,
Amboina, Aru Is.
4. *sphenurus* (Vieill.). (p. 316.) Australia.
New Caledonia.

LVII. ELANOIDES, Vieill.

(Sharpe, Cat. B. i. p. 317, 1874.)

1. *furcatus* (Linn.). (p. 317.) N. America,
C. & S. America (*winter*).

LVIII. NAUCLERUS, Vig.

(Sharpe, t. c. p. 318.)

1. *riocouri* (Vieill.). (p. 318.) N.E. Africa. W. Africa
(Senegambia to Hausa-
land).

LIX. MILVUS, Cuv.

(Sharpe, t. c. p. 319.)

1. *milvus* (Linn.).
[*ictinus*, Sharpe, Cat. p. 319.] C. & S. Europe.
2. *ægyptius* (Gm.). (p. 320.) S.E. Europe.
Africa & Madagascar
(*winter*).
3. *korschun* (Gm.). (p. 322.) C. & S. Europe.
C. Asia.
Africa (*winter*).
4. *affinis*, Gould. (p. 323.) Australia,
Celebes,
Lesser Sunda Is.,
Indian Peninsula,
Burmese countries.
5. *govinda*, Sykes. (p. 325.)
[*palustris*, A. Anderson, Pr. As. Soc. Beng.
1873, p. 142.] N.E. Asia, Japan,
Himalayas.
Indian Peninsula, Burma
(*winter*).
6. *melanotis*, T. & S. (p. 324.) France (Lower Miocene).
7. *deperditus*, Milne-Edw. (Lyd., Cat. Foss. B. p. 27.)

LX. LOPHOICTINIA, *Kaup.*

(Sharpe, Cat. B. i. p. 326, 1874.)

1. *isura* (*Gould*). (p. 326.) Australia.

LXI. ROSTRHAMUS, *Less.*

(Sharpe, t. c. p. 327.)

1. *sociabilis* (*Vieill.*). (p. 327.) From Florida to
[*plumbeus*, Ridgw. N. Amer. B. iii. p. 209, 1874.] E. Mexico, S. to Panama
and Eastern S. America
to Argentina. Cuba.
2. *tæniurus*, *Cab.* (p. 328.) Amazonia.
3. *leucopygus* (*Spir.*). (p. 328.) Brazil, Amazonia,
Guiana, Colombia.

LXII. LEPTODON, *Sundev.*

(Sharpe, t. c. p. 329.)

1. *uncinatus* (*Temm.*). (p. 330.) C. America to Guiana,
Venezuela, Amazonia,
Brazil, & Bolivia.
2. *megarhynchus* (*Des Murs*). (p. 332.) Peru.
3. *wilsoni* (*Cass.*). (p. 333.) Cuba.
4. *cayennensis* (*Gm.*). (p. 333.) Central America,
Guiana, Amazonia,
Brazil.

LXIII. GYPOICTINIA, *Kaup.*

(Sharpe, t. c. p. 335.)

1. *melanosternum* (*Gould*). (p. 335.) Australia.

LXIV. ELANUS, *Savign.*

(Sharpe, t. c. p. 336.)

1. *cæruleus* (*Desf.*). (p. 336.) Mediterranean countries.
Africa. India, Ceylon,
Burmese Provinces,
Malay Peninsula.
2. *hypoleucus*, *Gould*. (p. 338.) Philippine Is.,
Greater Sunda Is.,
Celebes.

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|--|---|
| 3. <i>axillaris</i> (<i>Lath.</i>). (p. 338.) | Australia. |
| 4. <i>leucurus</i> (<i>Vieill.</i>). (p. 339.) | S. United States.
C. & S. America to
Chile & Argentina. |
| 5. <i>scriptus</i> , <i>Gould</i> . (p. 340.) | Australia. |

LXV. **GAMPSONYX**, *Vig.*

(Sharpe, Cat. B. i. p. 340, 1874.)

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|---|--|
| 1. <i>swainsoni</i> , <i>Vig.</i> (p. 340.) | C. America, from
Nicaragua to
Guiana & Brazil. |
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LXVI. **HENICOPERNIS**, *Gray*.(Sharpe, *t. c.* p. 341.)

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|---|---|
| 1. <i>longicauda</i> (<i>Garn.</i>). (p. 341.) | New Guinea, Salawati,
Misorí Isl.,
Waigiou, Aru Is. |
| 2. <i>infusca</i> , <i>Gurney</i> , <i>Ibis</i> , 1882, p. 128. | Bismarck Archipelago
(New Britain). |

LXVII. **MACHÆRHAMPHUS**, *Westerm.*(Sharpe, *t. c.* p. 342.)

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|---|--|
| 1. <i>alcinus</i> , <i>Westerm.</i> (p. 342.) | S. Tenasserim,
Malay Peninsula,
Borneo,
New Guinea. |
| 2. <i>anderssoni</i> (<i>Gurney</i>). (p. 343.) | S.W. Africa,
Madagascar. |
| 3. <i>revoili</i> , <i>Oust.</i> , <i>Bibl. Hautes Études</i> , xxi. art. 10,
p. 2 (1886). | Somali-land. |

LXVIII. **PERNIS**, *Cuv.*(Sharpe, *t. c.* p. 343.)

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|---|---|
| 1. <i>apivorus</i> (<i>Linn.</i>). (p. 344.) | Europe,
W. Siberia.
Africa (<i>winter</i>). |
| 2. <i>orientalis</i> , <i>Tacz.</i> , <i>Mém. Acad. Nat. Sci. St.</i>
<i>Petersb.</i> (7) xxxix. p. 50 (1891). | E. Siberia. |

3. *ptilonorhynchus* (*Temm.*). (p. 347.) Indian Peninsula,
Ceylon,
Indo-Chinese countries,
Malay Peninsula,
Greater Sunda Is.
4. *tweeddalei*, *Hume*, Str. F. ix. p. 446 (1881). Malay Peninsula.
5. *celebensis*, *Wall.* (p. 349.) Celebes.

LXIX. *BAZA*, *Hodgs.*

(Sharpe, Cat. B. i. p. 351, 1874.)

1. *lophotes* (*Temm.*). (p. 352.) Sub-Himalayan districts,
N.E. Bengal, Ceylon,
Indo-Chinese Provinces,
Malay Peninsula.
2. *madagascariensis* (*Smith*). (p. 353.) Madagascar.
3. *cuculoides* (*Swains.*). (p. 354.) W. Africa,
Equatorial Africa.
4. *emini*, *Reichenow*, J. f. O. 1894, p. 163. Equatorial Africa.
5. *verreauxi* (*Lafr.*). (p. 354.) S.E. Africa.
6. *magnirostris*, *Gray*. (p. 356.) Philippine Is.
7. *erythrothorax*, *Sharpe*. (p. 357.) Celebes,
[*celebensis*, *Schl.*, Rev. Accipit. p. 135, 1873 :
cf. Zool. Rec., Aves, 1873, p. 47.] Sula Is.
8. *jerdoni* (*Blyth*). (Cf. *Sharpe*, *Ibis*, 1893,
p. 557.) E. Himalayas,
Burmese countries,
[*sumatrensis* (*Lafr.*). (p. 357.) Malay Peninsula,
incognita, *Hume*, Str. F. iii. p. 314 (1875).] Sumatra.
9. *ceylonensis*, *Legge*, Str. F. iv. p. 247 (1876). S. India (Wynaad),
Ceylon.
10. *borneensis*, *Sharpe*, *Ibis*, 1893, p. 557. Borneo.
11. *leucopais*, *Sharpe*, *Ibis*, 1888, p. 195. Philippine Is.
(Palawan).
12. *subcristata* (*Gould*). (p. 357.) Australia,
S.E. New Guinea.
13. *timorlaoensis*, *Meyer*, Abhandl. Ber. Zool.
Mus. Dresden, 1892-93, no. 3, p. 5 (1893). Timor Is.

14. **reinwardti** (*Müll. & Schl.*). (p. 358.)* Lesser Sunda Is.,
Djampea Isl.,
New Guinea, Salawati,
Mysol, Misori Isl.,
Aru Is., Ceram, Amboina,
Buru, Kei Is.
15. **gurneyi**, *Ramsay*, Journ. Linn. Soc., Zool. xvi.
p. 130 (1881). Solomon Is.
16. **bismarcki**, *Sharpe*, in Gould's B. N. Guinea, i.
pl. 4 (1888). Bismarck Archipelago
(New Ireland, New
Guinea, Duke of York
Isl., New Hanover).
17. **rufa**, *Schl.* (p. 360.) Molucca Is. (Batchian,
Halmahéra, &c.).

LXX. **HARPAGUS**, *Vig.*

(Sharpe, Cat. B. i. p. 360, 1874.)

1. **diodon** (*Temm.*). (p. 361.) Brazil.
2. **bidentatus** (*Lath.*). (p. 362.) Amazonia, Guiana,
Venezuela, Colombia.
3. **fasciatus**, *Lawr.* (p. 363.) Guatemala,
Costa Rica,
Panama.

LXXI. **ICTINIA**, *Vieill.*

(Sharpe, t. c. p. 364.)

1. **plumbea** (*Gm.*). (p. 364.) C. & S. America.
2. **mississippiensis** (*Wils.*). (p. 365.) S. United States to
C. America.

LXXII. **MICROHIERAX**, *Sharpe.*

(Sharpe, t. c. p. 366.)

1. **cærulescens** (*Linn.*). (p. 366.) Himalayas to Bhután,
[*eutolmus*, Blyth; Blanf., Faun. Brit. Ind.,
Birds, iii. p. 432 (1895).] Garo Hills,
Indo-Chinese Provinces.
2. **fringillarius** (*Drap.*). (p. 367.) Malay Peninsula,
Greater Sunda Is.

* Dr. Otto Finsch considers that *B. stenozona*, Gray, from the Lesser Sunda Islands and New Guinea, is distinct from *B. reinwardti*, which is confined to the Molucca Islands.

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| 3. <i>latifrons</i> , <i>Sharpe</i> , <i>Ibis</i> , 1879, p. 237. | N. Borneo. |
| 4. <i>melanoleucus</i> (<i>Blyth</i>). (p. 368.)
[<i>sinensis</i> , <i>Sharpe</i> , <i>Ibis</i> , 1875, p. 254.] | Assam and Cachar,
S. China. |
| 5. <i>erythrogenys</i> (<i>Iig.</i>). (p. 369.) | Philippine Is.
(Luzon). |
| 6. <i>meridionalis</i> , <i>Ogilvie-Grant</i> , <i>Ibis</i> , 1897, p. 220. | Philippine Is. (Samar,
Cebu, Mindanao). |

LXXIII. *POLIOHIERAX*, *Kaup*.

(*Sharpe*, *Cat. B. i.* p. 369, 1874.)

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|---|----------------------------|
| 1. <i>semitorquatus</i> (<i>Smith</i>). (p. 370.) | S. Africa.
N.E. Africa. |
| 2. <i>insignis</i> , <i>Walden</i> . (p. 370.) | Indo-Chinese Provinces. |

LXXIV. *SPIZIAPTERYX*, *Kaup*.

(*Sharpe*, *t. c.* p. 371.)

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| 1. <i>circumcinctus</i> (<i>Kaup</i>). (p. 371.) | Argentina. |
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LXXV. *HARPA*, *Bp.*

(*Sharpe*, *t. c.* p. 372.)

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|--|-------------|
| 1. <i>novæ-zealandiæ</i> (<i>Gm.</i>). (p. 372.) | N. Zealand. |
| 2. <i>australis</i> (<i>Hombr. & Jacq.</i>). (p. 373.) | N. Zealand. |

LXXVI. *FALCO*, *Linn.*

(*Sharpe*, *t. c.* p. 374.)

- | | |
|---|---|
| 1. <i>peregrinus</i> , <i>Tunst.</i>
[<i>communis</i> , <i>Gm.</i> (p. 376.)] | Europe. Asia.
N. America.
Africa (<i>winter</i>).
Indian Peninsula
(<i>winter</i>). |
| 2. <i>pealei</i> , <i>Ridgw.</i> , <i>Bull. Essex Inst.</i> v. p. 201
(1873). | Aleutian and Commander
Is., Kuril Is., N.W.
America (Alaska to
Oregon). |
| 3. <i>peregrinator</i> , <i>Sundev.</i> (p. 382.)
[<i>atriceps</i> , <i>Hume</i> , <i>Ibis</i> , 1869, p. 356.] | Indian Peninsula. |
| 4. <i>ernesti</i> , <i>Sharpe</i> , <i>Ibis</i> , 1894, p. 545. | Greater Sunda Is.,
Philippine Is.,
New Guinea,
Fiji Is. |

5. **minor**, *Bp.* (p. 383.) S. & N.E. Africa.
6. **punicus**, *Levaill. jun.*, Expl. Algér., Ois. pl. 1
(1850).
[*brookei*, Sharpe, Ann. & Mag. Nat. Hist. (4)
xi. pp. 20, 222 (1873).] Mediterranean countries.
7. **melanogenys**, *Gould.* (p. 385.) Australia.
8. **cassini**, *Sharpe.* (p. 384.) Chile,
Falkland Is.
9. **barbarus**, *Linn.* (p. 386.) Mediterranean countries
to N.W. India.
N.E. Africa.
Senegambia.
10. **babylonicus**, *Gurney.* (p. 387.) Mesopotamia,
C. Asia,
N.W. India.
11. **feldeggi**, *Schl.* (p. 389.) Mediterranean countries
to Persia.
N.E. Africa.
12. **tanypterus**, *Schl.* (p. 391.) N.E. Africa to
Senegambia.
13. **biarmicus**, *Temm.* (p. 391.) S. Africa.
14. **juggur**, *J. E. Gray.* (p. 393.) Indian Peninsula,
Baluchistan to Assam.
15. **hypoleucus**, *Gould.* (p. 394.) Australia.
16. **subniger**, *Gray.* (p. 394.) Australia.
17. **subbuteo**, *Linn.* (p. 395.) N. Europe & N. Asia.
Africa, Indian Peninsula,
China (*winter*).
18. **gracilis**, *Brehm.*
(*Cf.* Erlanger, J. f. O. 1898, p. 461 Taf. x.) N. Africa.
19. **severus**, *Horsf.* (p. 397.) Himalayas.
S. Indian Peninsula,
Ceylon,
Burmese Provinces.
Malay Peninsula.
Philippine & Sulu Is.
Greater Sunda Isl. to
New Guinea &
New Britain.

20. *papuanus*, *A. B. Meyer & Wigglesw.*, Abhandl. S.E. New Guinea.
Ber. Mus. Dresden, 1892-93, no. 3, p. 6
(1893).
21. *indicus*, *A. B. Meyer & Wigglesw.*, B. Celebes, i. India (Calcutta).
p. 84 (1898).
22. *religiosus*, *Sharpe*. (p. 397.) Ceram, Halmahéra.
23. *lunulatus*, *Lath.* (p. 398.) Australia, Tasmania.
24. *cuvieri*, *Smith.* (p. 400.) S. & W. Africa.
25. *fasciinucha*, *Reichen. & Neum.*, Orn. MB. iii. E. Africa.
p. 114 (1895).
26. *fusco-cærulescens*, *Vieill.* (p. 400.) S. Texas,
C. & S. America.
27. *ophryophanes*, *Salvad.*, Bol. Mus. Torino, x. Paraguay.
no. 208, p. 20 (1895).
28. *albigularis*, *Daud.* (p. 401.) C. & S. America.
29. *aurantius*, *Gm.* (p. 402.) C. & S. America.
30. *chicquera*, *Daud.* (p. 403.) Indian Peninsula.
31. *ruficollis*, *Swains.* (p. 404.) Tropical Africa.
32. *eleonoræ*, *Gené.* (p. 404.) Mediterranean countries.
E. Africa to Madagascar
(winter).
33. *concolor*, *Temm.* (p. 405.) N.E. Africa to Arabian
coasts, S. to Madagascar.
34. *merillus* (*Gerini*). Europe, N. Asia.
[*regulus*, *Pall.* (p. 406.)] S. Europe (winter).
Indian Peninsula (winter).
China (winter).
35. *columbarius*, *Linn.* (p. 408.) N. America, Antilles,
N. South America.
36. *suckleyi*, *Ridgw.*, Bull. Essex Inst. v. p. 201 N.W. America
(1873). (California to Sitka).
37. *richardsoni*, *Ridgw.* (p. 408, note.) Interior of N. America to
Texas & Arizona.

LXXVII. *HIEROFALCO*, *Cuv.*

(Sharpe, Cat. B. i. p. 410, 1874.)

1. *candicans* (*Gm.*). (p. 411.)
[islandus, Brünn. 1764; cf. A. O. U. Check-l.
N. Amer. B. 2nd ed. p. 136 (1895).
uralensis, Menzbier, Orn. Turkest. p. 274
(1891).] Arctic Regions,
Greenland.
N.E. America.
W. Europe (*occ.*).
2. *islandus* (*Gm.*) (nec Brünn. 1764). (p. 414.) Iceland.
3. *holboelli* (*Sharpe*). (p. 415.) S. Greenland.
4. *rusticolus*, *Linn.* (A. O. U. Check-l. p. 137, 1895.) Arctic America.
5. *obsoletus* (*Gm.*)
[Cf. Stejn. Auk, ii. p. 187, 1887.] Labrador.
6. *gyrfalco* (*Linn.*). (p. 416.) N. Europe.
7. *altaicus*, *Menzbier*, Orn. Turkest. p. 272 (1891). Altai Mts.
8. *cherrug* (*J. E. Gray*).
[sacer, Gm. (nec Forst.). (p. 417.)
gurneyi, Menzbier, Orn. Turkest. p. 283 (1891).] S.E. Europe.
C. Asia to China,
N.W. India.
9. *milvipes*, *Jerd.*
[Cf. Blanf. Faun. Brit. Ind., Birds, iii. p. 421.] Tibet and Mongolia.
Nepal, Baluchistan.
10. *mexicanus* (*Schl.*). (p. 420.) Western U. States, Mexico.

LXXVIII. *HIERACIDEA*, *Gould.*

(Sharpe, t. c. p. 420.)

1. *berigora* (*Vig. & Horsf.*). (p. 421.) Australia.
2. *novæ-guinææ*, *A. B. Meyer*, J. f. O. 1894, p. 89. S.E. New Guinea.
3. *orientalis* (*Schl.*). (p. 422.) Australia, Tasmania.

LXXIX. *CERCHNEIS*, *Boie.*

(Sharpe, t. c. p. 423.)

1. *tinnunculus* (*Linn.*). (p. 425.) Europe, N. Asia.
Indian Peninsula (*winter*).
Africa (*winter*).

2. **arthuri** (*Gurney*), List Diurn. B. Prey, App. E. Africa.
p. 156 (1884).
3. **saturata**, *Blyth*, J. A. S. Beng. xxviii. p. 277 Mts. of N.E. Africa.
(1859). Himalayas,
[*atratus*, *Blyth* (*lapsu*). (p. 426.)] Burmese Provinces,
China.
4. **canariensis**, *Kœnig*, J. f. O. 1889, p. 263. Madeira, Canary Is.
5. **neglecta** (*Schl.*) (p. 428.). Cape Verde Is.
6. **rupicola** (*Daud.*) (p. 429.) S. Africa.
7. **moluccensis** (*Jacq. & Pucher.*) (p. 430.) Amboina, Buru, Ceram,
Goram, Peling Isl.
8. **orientalis** (*A. B. Meyer & Wiglesw.*, B. Celebes, Molucca Is. (Halmahéra,
i. p. 79, 1898). Morotai, Ternate,
Batchian, etc.).
9. **occidentalis** (*A. B. Meyer & Wiglesw.*, Abhandl. Celebes.
Ber. Mus. Dresd. 1896-97, no. 2, p. 8). Greater and Lesser
Sunda Is.
10. **cenchroides** (*Vig. & Horsf.*) (p. 431.) Australia.
11. **rupicoloides** (*Smith*). (p. 432.) S. Africa.
12. **fieldi**, *Elliot*, Field Columb. Mus. no. 2, Orn. p. 58 Somali-land to British
(1897). E Africa (Machakos).
13. **alopex** (*Heugl.*) (p. 432.) N.E. Africa (Bogos-land
to Shoa).
Equat. Africa (Redjaf).
14. **newtoni** (*Gurney*). (p. 433.) Madagascar.
15. **punctata** (*Temm.*) (p. 434.) Mauritius.
16. **gracilis** (*Less.*) (p. 435.) Seychelles.
17. **naumanni** (*Fleisch.*) (p. 435.) Cf. Reichen. Mediterranean countries
Orn. MB. vi. p. 143 (1898). to C. Asia and China,
[*cenchris*, Naum. (p. 435.) Indian Peninsula (*winter*).
pekinensis, Swinh. (p. 437.) Africa (*winter*).
Cf. Blanf. Faun. Brit. Ind., Birds, iii. p. 430
(1895).]
18. **sparveria** (*Linn.*) (p. 437.) N. America, S. to
Northern S. America
(*winter*).

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| 19. <i>deserticola</i> (<i>Mearns</i> , Auk, ix. p. 263, 1892). | W. N. America
(British Columbia to
N.W. Mexico). |
| 20. <i>peninsularis</i> , <i>Mearns</i> , <i>l. c.</i> | Lower California. |
| 21. <i>dominicensis</i> (<i>Gm.</i>). (p. 439.) | Antilles.
Florida (<i>acc.</i>). |
| 22. <i>brevipennis</i> , <i>Berl.</i> , J. f. O. 1892, p. 91. | Is. of Curaçao, Bonaire,
Aruba. |
| 23. <i>australis</i> , <i>Ridgw.</i> , in B. B. & R. Hist. N. Amer.
B. iii. p. 166 (1874). | S. America (except North
Atlantic and Caribbean
coast). |
| 24. <i>æquatorialis</i> , <i>Mearns</i> , Auk, ix. p. 269 (1892). | Ecuador. |
| 25. <i>cinnamomina</i> (<i>Swains.</i>). (p. 439.) | S. America (Patagonia to
Brazil, Peru, Colombia). |
| 26. <i>isabellina</i> (<i>Swains.</i>). (p. 441.) | Guiana, Venezuela. |
| 27. <i>caribbæarum</i> (<i>Gm.</i>). (p. 442, note.)* | Lesser Antilles (Porto
Rico, S. Thomas). |
| 28. <i>sparvericides</i> (<i>Vig.</i>). (p. 443.)
[<i>leucophrys</i> , <i>Ridgw.</i> (p. 442.)]* | Cuba. |

LXXX. *ERYTHROPUS*, *Brehm*.(*Cerchneis*, pt., Sharpe, Cat. B. i. p. 423, 1874.)

- | | |
|--|---|
| 1. <i>vespertinus</i> (<i>Lin.</i>). (p. 443.) | S.E. & C. Europe.
S.W. Africa (<i>winter</i>). |
| 2. <i>amurensis</i> (<i>Radde</i>). (p. 445.) | E. Siberia.
S.E. Africa (<i>winter</i>). |

LXXXI. *DISSODECTES*, *Slater*.(*Cerchneis*, pt., Sharpe, *t. c.* p. 423.)

- | | |
|--|--|
| 1. <i>ardesiacus</i> (<i>Bonn. & Vieill.</i>). (p. 446.) | N.E. Africa,
Equat. Africa,
W. Africa (Senegambia
to Angola). |
| 2. <i>dickinsoni</i> (<i>Sl.</i>). (p. 447.) | Zambesi R., Nyasa-land.
Angola. |
| 3. <i>zoniventris</i> (<i>Peters</i>). (p. 447.) | Madagascar. |

* *Teste* Ridgway, in *litt*

Sub-Order III. *PANDIONES*.

(Sharpe, Cat. B. i. p. 448, 1874.)

I. *PANDION*, *Savign.*

(Sharpe, *t. c.* p. 448.)

- | | |
|--|----------------------------------|
| 1. <i>haliaëtus</i> (<i>Linn.</i>). (p. 449.) | Eastern Hemisphere. |
| 2. <i>carolinensis</i> , <i>Gm.</i>
[<i>haliaëtus</i> , pt. (p. 449.)] | N. America. |
| 3. <i>leucocephalus</i> , <i>Gould.</i> (p. 451.) | Australia.
Austro-Malayan Is. |

II. *POLIOAËTUS*, *Kaup.**

(Sharpe, *t. c.* p. 452.)

- | | |
|--|---|
| 1. <i>ichthyaëtus</i> (<i>Horsf.</i>). (p. 452.) | Indian Peninsula,
Ceylon,
Burmese Provinces,
Malay Peninsula,
Greater Sunda Is.,
Celebes, Philippine Is. |
| 2. <i>humilis</i> (<i>Mull. & Schl.</i>). (p. 454.) | Cachar,
Burmese Provinces,
Malay Peninsula,
Greater Sunda Is.,
Celebes. |
| 3. <i>major</i> , <i>A. B. Meyer & Wiglesw.</i> , B. Celebes, i. p. 44 (1898). | Sub-Himalayan districts
to Assam. |

* *Polioaëtus* has, by recent writers, been restored to its former position among the Sea-Eagles; but I still keep it with the Ospreys, as I am not yet satisfied that it does not possess the reversible outer toe of the latter group. An excellent field-naturalist, of wide experience in India, assures me that the outer toe is reversible.

Order XXVI. STRIGIFORMES.

(Striges, Sharpe, Classif. B. p. 79, 1891.)

[Cf. Pycraft, Tr. Linn. Soc. 2nd ser. Zool. vii. pt. 6, pp. 223-275,
pls. 24-29, 1898.]

Family I. BUBONIDÆ.

(Sharpe, Cat. B. ii. p. 1, 1875.)

Sub-Family I. ASIONINÆ.

(Cf. Pycraft, t. c. p. 269.)

1. ASIO, Briss.

(Sharpe, Cat. B. ii. p. 225, 1875.)

1. otus (Linn.). (p. 227.)

Europe.
N. Asia.
Japan, China.
Himalayas, N.W. India.2. wilsonianus (Less.).
[americanus, Steph. (p. 229.)]Temperate N. America,
S. to tablelands of
Mexico.3. clamator (Vieill.).
[mexicanus, Gm. (p. 231.)
Cf. Salvin & Godman, Biol. Centr.-Am.,
Aves, ii. p. 5.]S. America,
Panama.

4. midas (Schl.). (p. 231, note.)

S.E. Brazil,
La Plata.

5. madagascariensis (Smith). (p. 232.)

Madagascar.

6. accipitrinus (Pall.). (p. 234.)

Cosmopolitan.

7. portoricensis, Ridgw., Proc. U.S. Nat. Mus.
iv. p. 368 (1882).

Porto Rico.

8. galapagensis (Gould). (p. 234, pt.)

Galapagos Is.

9. nisuella, Daud.
[capensis (Smith). (p. 239.)
Cf. Reichen. Mittl. Hochl. deutsch. Ost-
Afrika, p. 271, 1898.]Tropical Africa,
N. Africa.
Spain.

10. **major** (*Schl.*).
[*capensis* (Smith), pt. p. 239.]
Madagascar.
11. **butleri**, *Hume*, Str. F. vii. p. 316 (1878).
Peninsula of Sinai to
Mekran coast.
12. **stygius** (*Wagl.*). (p. 241.)
C. & S. America.
Cuba.
13. **grammicus** (*Gosse*). (p. 242.)
Jamaica.
14. **macrurus** (*Kaup*). (p. 242.)
Mexico.
15. **huririri**, *Milne-Edw.*, C. R. II. Congr. Orn. Intern. S. France (Eocene).
ii. p. 63 (1892).

Sub-Family II. *KETUPINÆ*.

II. **KETUPA**, *Less.*

(Sharpe, Cat. B. ii. p. 4, 1875.)

1. **ceylonensis** (*Gm.*). (p. 4.)
Palestine.
Indian Peninsula,
Ceylon,
Indo-Chinese Provinces,
S. China.
2. **flavipes** (*Hodgs.*). (p. 5.)
Himalayas,
China.
3. **ketupa** (*Horsf.*).
[*javanensis*, *Less.* (p. 8.)]
Malayan Peninsula to
S. Tenasserim.
Greater Sunda Is.
4. **minor**, *Büttik.*, Notes Leyden Mus. xviii. p. 165
(1896).
Nias Isl.

III. **SCOTOPELIA**, *Bp.*

(Sharpe, t. c. p. 9.)

1. **pele**, *Bp.* (p. 10.)
W. Africa (Senegambia
to Gaboon).
E. Africa (Nyasa-land to
Zulu-land).
2. **oustaleti**, *Rochebr.*, Bull. Soc. Philom. (7) vii.
p. 165 (1883).
Senegambia.

- | | |
|---|-------------|
| 3. <i>ussheri</i> , <i>Sharpe</i> . (p. 11.) | Gold Coast. |
| 4. <i>bouvieri</i> , <i>Sharpe</i> . (p. 11.) | Gaboon. |

Sub-Family III. *BUBONTINÆ*.IV. *BUBO*, *Cuv.*

(Sharpe, Cat. B. ii. p. 12, 1875.)

- | | |
|---|---|
| 1. <i>bubo</i> (<i>Linn.</i>).
[<i>ignavus</i> , <i>Forst.</i> (p. 14.)] | Europe. |
| 2. <i>sibiricus</i> , <i>Licht.</i> , <i>Menzbier</i> , <i>Ibis</i> , 1885, p. 262. | E. of Ural Mts.
Bashkiria. |
| 3. <i>turcomanus</i> (<i>Eversm.</i>). (p. 17.) | Deserts of S.W. Siberia,
Turkestan,
Tibet,
Himalayas. |
| 4. <i>virginianus</i> (<i>Gm.</i>). (p. 19.) | E. N. America, S. from
Labrador.
C. America to Costa Rica. |
| 5. <i>pallascens</i> , <i>Stone</i> , <i>Amer. Nat.</i> xxxi. p. 273 (1897).*
[<i>sub-arcticus</i> (nec <i>Hoy</i>), <i>A. O. U. Check-I.</i>
p. 148, 1895.]. | Western U. States,
British Columbia,
Manitoba,
S. to Mexican tablelands. |
| 6. <i>arcticus</i> , <i>Swains.</i> (p. 19, pt.)
[<i>sub-arcticus</i> , <i>Hoy</i> , cf. <i>Allen</i> , <i>Auk</i> , xv. p. 71.] | Arctic America.
N.W. U. States (<i>winter</i>). |
| 7. <i>saturatus</i> , <i>Ridgw.</i> , <i>Man. N. Amer. B.</i> 2nd ed.
p. 263 (1896). | Labrador to Alaska, and
S. to California. |
| 8. <i>pacificus</i> , <i>Cass.</i> (p. 19, pt.) | W. N. America. |
| 9. <i>nigrescens</i> , <i>Berl. & Tacz.</i> , <i>P. Z. S.</i> 1884, p. 309. | Ecuador. |
| 10. <i>ascalaphus</i> , <i>Savign.</i> (p. 24.) | N.E. Africa. |
| 11. <i>barbarus</i> , <i>Erlanger</i> , <i>Orn. MB.</i> v. p. 192 (1897). | C. Tunis. |
| 12. <i>desertorum</i> , <i>Erlanger</i> , <i>Orn. MB.</i> v. p. 192
(1897). | S. Tunis. |

* Cf. *Auk*, xv. p. 71 (Jan. 1898).

13. *abyssinicus* (*Guér.*). (p. 227, note.)
[*Cf.* Sharpe, Bull. B. O. C. vii. p. xxvi.] Shoa,
Somali-land.
14. *milesi*, *Sharpe*, Ibis, 1886, p. 163, pl. vi. Muscat, S.E. Arabia.
15. *bengalensis* (*Frankl.*). (p. 25.) Indian Peninsula.
16. *capensis*, *Smith.* (p. 27.) S. Africa.
17. *magellanicus*, *Gm.* (p. 29.) Tropical S. America.
18. *maculosus* (*Vieill.*). (p. 30.) S. Africa,
W. to Benguela,
N. to Nyasa-land.
19. *cinerascens*, *Guér.* (p. 32.) N.E. Africa,
W. Africa.
20. *lacteus* (*Temm.*). (p. 33.) S. Africa.
21. *verreauxi*, *Bp.* (p. 33, pt.) N.E. Africa,
Nigeria.
22. *coromandus* (*Lath.*). Indian Peninsula,
[*sinensis*, *Heude*, *cf.* Sharpe, Ibis, 1875, p. 255.] China.
23. *blakistoni*, *Seebohm*, P. Z. S. 1883, p. 466. Japan.
24. *dcerriesi*, *Seebohm*, Bull. B. O. C. v. p. iv (1895). E. Siberia. S.W. Ussuri.
25. *lettii*, *Büttik.*, Notes Leyd. Mus. xi. pp. 34, 115, W. Africa (Liberia).
pl. vi.
26. *incertus*, *Milne-Edw.*, O. R. II. Congr. Orn. S. France (Eocene).
Intern. ii. p. 63 (1892).
27. *arbrnensis*, *Milne-Edw.*, Lydekker, Cat. Foss. B. France (Lower Miocene).
p. 15.
28. *poirrieri*, *Milne-Edw.*, Lydekker, *t. c.* p. 15. France (Miocene).

V. *Petrochypas*, *Milne-Edw.*

(*Milne-Edw.*, C. R. II. Congr. Intern. ii. p. 61, 1892.)

1. *harpar*, *Milne-Edw.* *l. c.* S. France (Eocene).
2. *rossignoli*, *Milne-Edw.* *l. c.* S. France (Eocene).

VI. *HUHUA*, *Hodgs.*

(*Bubo*, pt., Sharpe, Cat. B. ii. p. 12, 1875.)

1. *shelleyi* (*Sharpe* & *Ussher*). (p. 37.) Gold Coast,

- | | |
|---|--|
| 2. <i>nipalensis</i> , <i>Hodgs.</i> (p. 37.)
[<i>pectoralis</i> , <i>Jerd.</i> (p. 38, note).] | Himalayas,
Hills of S. India and
Ceylon,
Burmese Provinces. |
| 3. <i>orientalis</i> (<i>Horsf.</i>) (p. 39.) | S. Tenasserim,
Malay Peninsula,
Greater Sunda Is. |
| 4. <i>leucosticta</i> , <i>Hartl.</i> (p. 41.) | W. Africa (Gold Coast to
Gaboon). |
| 5. <i>poensis</i> , <i>Fraser.</i> (p. 42.) | W. Africa (Gold Coast to
Gaboon),
Fernando Po. |

VII. PSEUDOPTYNX, *Kaup.*

(*Bubo*, pt., Sharpe, Cat. B. ii. p. 12, 1875.)

- | | |
|---|-------------------------------|
| 1. <i>philippinensis</i> , <i>Kaup.</i> (p. 43.) | Philippine Is.
(Luzon). |
| 2. <i>gurneyi</i> , <i>Tweezd.</i> , P. Z. S. 1878, p. 940. | Philippine Is.
(Mindanao). |

VIII. NYCTEA, *Steph.*

(Sharpe, t. c. p. 125.)

- | | |
|---|--|
| 1. <i>nyctea</i> (<i>Linn.</i>).
[<i>scandiaca</i> , Sharpe, t. c. p. 125.] | Arctic Regions,
S. to U. States.
Europe, C. Asia.
N.W. Himalayas (<i>winter</i>). |
|---|--|

IX. PULSATRIX, *Kaup.*

(*Syrnium*, pt., Sharpe, t. c. p. 244.)

- | | |
|--|---|
| 1. <i>perspicillata</i> (<i>Lath.</i>) (p. 277.) | S. America, C. America
(Panama to Mexico). |
| 2. <i>melanonota</i> (<i>Tschudi</i>) (p. 280.) | Brazil to Peru. |

X. SCOPS, *Savign.*

(Sharpe, t. c. p. 43.)

- | | |
|---|---------------------------------|
| 1. <i>scops</i> (<i>Linn.</i>).
[<i>giu</i> , Scop. (p. 47.)] | Europe. C. Asia,
N.W. India. |
| 2. <i>socotrana</i> , <i>Ogilvie Grant & Forbes</i> , Bull.
Liverp. Mus. ii. p. 2. | Socotra Isl. |

3. *capensis*, *Smith.* (p. 52.) Tropical S. Africa.
4. *ugandæ* (*O. Neum.*, J. f. O. 1898, p. 500). Uganda.
5. *hendersoni* (*Cass.*). (p. 52, note.) Angola.
6. *pennata*, *Hodgs.* (p. 53.) Himalayas,
Indian Peninsula.
7. *stictonota*, *Sharpe.* (p. 54.) E. Siberia.
Japan, China,
Indo-Chinese countries,
E. Himalayas.
8. *rufipennis*, *Sharpe.* (p. 60.) Madras.
9. *elegans*, *Cass.*
[*japonica*, *Sharpe* (nec Bp.). (p. 56.)] Liu Kiu Isl.,
Japan.
10. *malayana*, *Hay.* (p. 58.) Malay Peninsula to
[*gymnopoda*, *Gray.* (p. 65.)] China.
11. *nicobarica* (*Hume*, Str. F. iv. p. 283, 1876). Nicobar Is.
12. *minuta*, *Legge*, Ann. & Mag. N. II. (5) i.
p. 175 (1878). Ceylon.
13. *brucei* (*Hume*). (p. 62.) Transcaspia. O. Asia.
[*obsoletus*, Cab. J. f. O. 1875, p. 126.] Afghanistan, Sind,
O. India.
14. *spilocephala* (*Blyth*). (p. 63.) Himalayas.
Burmese Hills.
15. *hambroeckii* (*Swinh.*). (p. 64.) Formosa.
16. *sunia*, *Hodgs.* (p. 67.) Indian Peninsula,
[*giu*, pt., Blanf. Faun. Brit. Ind., Birds, iii.
p. 292.] Burmese Provinces,
Malay Peninsula.
17. *novæ-zealandiæ*, *Bp.* (p. 43, note.) [New Zealand.]
18. *scapulata*, *Bocage*, Journ. Lisb. 1888, p. 229. W. Africa (St. Thomas).
19. *leucopsis* (*Hartl.*). (p. 311.) W. Africa (St. Thomas).
20. *megalotis*, *Gray.* (p. 69.) Philippine Is.

21. *podargina* (*Hartl. & Finsch*). (pp. 151, 313.) Pelew Is.
22. *magica* (*Müll.*). (p. 70.) Ceram,
Amboina.
23. *leucospila* (*Gray*). (p. 72.) Batehian, Halmahéra.
24. *buruensis*, *Sharpe*. (p. 73.) Buru.
[*leucospila*, pt., *Salvad. Orn. Pap. i. p. 74.*]
25. *morotensis*, *Sharpe*. (p. 75.) Morotai.
26. *beccarii*, *Salvad.*, *Ann. Mus. Genov. vii. p. 906*
(1875); *id. Orn. Pap. i. p. 77.* Misori Isl.,
N.W. New Guinea.
27. *menadensis*, *Q. & G.* (p. 76.) Celebes.
28. *siaoensis*, *Schl.* (p. 78.) Sangi Isl.
[? *menadensis*, pt., *A. B. Meyer & Wiglesw.*
B. Celebes, i. p. 103 (1898).]
29. *sulaensis* (*Hartert*, *Nov. Zool. v. p. 126, 1898*). Sula Is.
30. *rutila*, *Pucher.* (p. 80.) Madagascar.
31. *capnodes*, *Gurney*, *Ibis*, 1889, p. 104. Comoro Is.
(Anjuan).
32. *albiventris*, *Sharpe*. (p. 78.) Lesser Sunda Is.
(Flores).
33. *sylvicola*, *Wall.* (p. 82.) Flores.
34. *pryeri*, *Gurney*, *Ibis*, 1889, p. 302. Liu Kin Is.
35. *semitorques* (*Temm. & Schl.*). (p. 83.) Japan.
36. *plumipes* (*Hume*). (p. 85.) Himalayas.
37. *bakkamæna* (*Forst.*). S. Indian Peninsula,
Ceylon.
[*Cf. Blanf. Faun. Brit. Ind., Birds, iii. p. 297.*
malabaricus, *Jerd.* (p. 94.)]
38. *lettia*, *Hodgs.* (p. 85.) Himalayas.
39. *glabripes* (*Swinh.*). China,
Formosa.
[*elegans*, *Sharpe (nec Cass.)*. (p. 87.)]

40. *erythrocampa* (*Swinh.*). (p. 89.) China.
41. *lempiji* (*Horsf.*). (p. 91.) Indo-Chinese Provinces,
Malay Peninsula,
Greater Sunda Is.
42. *umbratilis* (*Swinh.*). (p. 93.) Hainan.
43. *everetti*, *Tweedd.*, P. Z. S. 1878, p. 492. Philippine Is.
(Mindanao).
44. *fuliginosa*, *Sharpe*, Ibis, 1888, p. 197. Palawan.
45. *brookei*, *Sharpe*, Bull. B. O. B. i. p. iv (1892). Mts. of N.W. Borneo.
46. *mantananensis*, *Sharpe*, Bull. B. O. C. i. p. iv
(1892). Mantanani Isl.,
N.W. Borneo.
47. *sibutuensis*, *Sharpe*, Bull. B. O. C. ii. p. ix
(1893). Sulu Archipelago
(Si Batu Isl.).
48. *solokensis* (*Hartert*, Bull. B. O. C. ii. p. xxxix
1893). Solok, W. Sumatra.
49. *longicornis*, *Ogilvie Grant*, Bull. B. O. C. iii.
p. li (1894). Philippine Is.
(Luzon).
50. *whiteheadi*, *Ogilvie Grant*, Bull. B. O. C. iv.
p. xl (1895). Philippine Is.
(Luzon).
51. *alfredi*, *Hartert*, Nov. Zool. iv. p. 527 (1897). Lesser Sunda Is.
(Flores).
52. *leucotis* (*Temm.*). (p. 97.) Tropical Africa.
53. *sagittata* (*Cass.*). (p. 98.) S. Tenasserim,
Malay Peninsula.
54. *balli* (*Hume*). (p. 100.) Andaman Is.
55. *rufescens* (*Horsf.*). (p. 102.) Malay Peninsula,
Greater Sunda Is.
56. *icterorhyncha*, *Shelley*. (p. 103.) Gold Coast.

57. *idahoensis* (Merriam, N. Am. Faun. no. 5, p. 96, Idaho. 1895).
58. *barbara*, *Scl. & Salv.* (p. 107.) Guatemala.
59. *brasiliانا* (Gm.). (p. 108.) Brazil. Amazonia to Venezuela, Guiana, and Colombia. Costa Rica.
60. *roraimæ*, *Salvin*, Bull. B. O. C. vi. p. xxxviii (1897). Mt. Roraima, British Guiana.
61. *ingens*, *Salvin*, Bull. B. O. C. vi. p. xxxvii (1897). Ecuador.
62. *sanctæ-catarinæ*, *Salvin*, Bull. B. O. C. vi. p. xxxvii (1897). Santa Catarina, Brazil.
63. *atricapilla* (Temm.). E. & S. Brazil.
[*brasilianus*, pt. (p. 108.)]
64. *usta*, *Scl.* (p. 111.) Upper Amazonia.
65. *cassini*, *Ridgw.*, Proc. U.S. Nat. Mus. i. p. 102 (1878). E. Mexico (Vera Cruz).
66. *hastata*, *Ridgw.*, Proc. U.S. Nat. Mus. x. p. 268 (1887). W. Mexico (Mazatlan, Jalisco, Tepic).
67. *guatemalæ*, *Sharpe*. (p. 112.) C. America (Mexico to Panama).
[*marmoratus*, Nelson, Auk, xv. p. 49 (1897).
vermiculatus, *Ridgw.* Proc. U.S. Nat. Mus. x. p. 267 (1887).
Cf. *Salvin & Godman*, Biol. Centr.-Am., Aves, ii. p. 20.] W. Ecuador.
68. *asio* (Linn.). (p. 114.) E. North America, S. to Georgia.
69. *floridana*, *Ridgw.* (Cf. A. O. U. Check-l. 2nd ed. p. 145, 1895.) Gulf States, U.S.A.; Florida.
70. *trichopsis*, *Wagl.* (Cf. *Salvin & Godman*, Biol. Centr.-Am., Aves, ii. p. 16.) Mexico to Guatemala, N. to Arizona.
[*enano* (nec *Ridgw.*), *Sharpe*, Cat. p. 118.
aspersus, Brewst. Auk, v. p. 87 (1888).
ridgwayi, Nelson & Palmer, Auk, xi. p. 39 (1894).]

71. *pinosa* (*Nelson & Palmer*, Auk, xi. p. 39, 1894). Mexico (Vera Cruz).
72. *maccalli*, *Cass.* (Cf. Auk, xvi. p. 109, 1899.) Texas,
[*trichopsis* (nec Wagler), Sharpe, Cat. ii. p. 119
(1875); cf. *Salvin & Godman*, Biol. ii. p. 18.] E. Mexico (Nuevo Leon).
73. *vinacea* (*Brewster*, Auk, v. p. 88, 1888). N. Mexico (Chihuahua).
74. *aikeni* (*Brewster*, Auk, viii. p. 139, 1891). Colorado, probably S. to
New Mexico and N.E.
Arizona.
75. *cineracea* (*Ridgw.*, Auk, xii. p. 389, 1895). Arizona,
New Mexico, W. Texas,
? Lower California,
N.W. Mexico.
76. *bendirei* (*Brewster*, Bull. Nutt. Orn. Club, vii.
p. 31, 1882). Coast region of
California.
77. *kennicotti*, *Elliot.* (p. 117.) N.W. America (Oregon
to Sitka).
78. *maxwelliæ*, *Ridgw.*, Field & Forest, June 1877, Rocky Mts.
pp. 210, 213. [Cf. A. O. U. Check-l. (Colorado to Montana).
2nd ed. p. 146.]
79. *macfarlanei* (*Brewster*, Auk, viii. p. 140, 1891). S. British Columbia to
[*saturatus*, *Brewster*, l. c. p. 141.] Central Oregon, E. to
Montana.
80. *ccoperi*, *Ridgw.*, Proc. U.S. Nat. Mus. i. p. 116 W. Mexico (Tehuantepec),
(1878). Salvador to Nicaragua
and Costa Rica.

XI. LOPHOSTRIX, *Less.*

(*Scops*, pt., Sharpe, Cat. B. ii. p. 43, 1875.)

1. *cristata* (*Daud.*). (p. 122.) Lower Amazonia to
Guiana & Ecuador.
2. *stricklandi*, *Sch. & Sale.* (p. 124.) C. America (Mexico to
Panama)

XII. PSILOSCOPS, *Coues*, MSS., 1898.

1. *flammeola* (*Kaup*). (p. 105.) Guatemala and Mexico,
to Colorado and N.
California.
2. *nudipes* (*Vicill.*). (p. 121.) Costa Rica to Panama.

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XIII. **HETEROSCOPS**, *Sharpe*.(Sharpe, *Ibis*, 1889, p. 77.)

- 1.
- luciæ*
- (
- Sharpe*
- ,
- Ibis*
- , 1888, p. 478).

Mts. of N.W. Borneo.

[*Cf.* *Sharpe*, *Ibis*, 1889, pl. iii.]XIV. **GYMNOSCOPS**, *Tristr.*(Tristr. *Ibis*, 1880, p. 356.)

- 1.
- insularis*
- ,
- Tristr.*
- l. c. p. 356, pl. xiv.

Mahé Isl., Seychelles.

XV. **SCELOGLAUX**, *Kaup*.(Sharpe, *Cat. B.* ii. p. 187, 1875.)

- 1.
- albifacies*
- (
- Gray*
-). (p. 187.)

New Zealand.

XVI. **NINOX**, *Hodys.*(Sharpe, *t. c.* p. 151.)

- 1.
- lugubris*
- (
- Tickell*
-). (p. 154.)

Himalayas,
Indian Peninsula,
Burmese Countries.

- 2.
- scutulata*
- ,
- Raffl.*
- (p. 156.)

S. India, Ceylon,
Tenasserim,
Malay Peninsula,
Greater Sunda Is.

- 3.
- affinis*
- ,
- Beavan*
- . (p. 155.)

Andaman Is.,
Nicobar Is.

- 4.
- japonica*
- (
- Temm. & Schl.*
-).

[*florensis*, Wall. P. Z. S. 1863, p. 488.*macroptera*, W. Blasius, *Ornis*, 1888, p. 545.]Japan, China,
Indo-Malayan Is.
Celebes (*winter*),
Sangi Is. (*winter*),
Ternate (*winter*).

- 5.
- ochracea*
- (
- Schl.*
-). (p. 167.)

Celebes.

- 6.
- philippensis*
- ,
- Bp.*
- (p. 167.)

Philippine Is. (Luzon,
Negros, Guimaras).

- 7.
- everetti*
- ,
- Sharpe*
- ,
- Bull. B. O. C.*
- vi. p. xlvii
-
- (1897).

Sulu Archipelago
(Siassi Isl.).

- 8.
- spilocephala*
- ,
- Tweedd.*
- , P. Z. S. 1878, p. 940.

Philippine Is.
(Mindanao, Basilan).

- 9.
- spilonota*
- ,
- Bourne & Worcester*
- ,
- Occ. Pap. Minnès.*
-
- Acad.*
- i. p. 8 (1894).

Philippine Is.
(Cebu, Mindanao).

10. **reyi**, *Oust.*, Bull. Assoc. Sc. France, 1880, no. 39, p. 206 (1880). Sulu Archipelago.
11. **mindorensis**, *Ogilvie Grant*, Ibis, 1896, p. 463. Philippine Is. (Mindoro).
12. **boobook** (*Lath.*). (p. 168.) Australia.
13. **albaria**, *Ramsay*, Tab. List Austr. B. p. 37 (1888). Lord Howe Isl.
14. **rosseliana**, *Tristr.*, Ibis, 1889, p. 557. Louisiade Arch. (Rossel Isl.).
15. **ocellata**, *Jacq. & Pucher.* (p. 170.) N. & W. Australia.
16. **fusca** (*Vieill.*). (p. 172.) Lesser Sunda Is. (Timor).
17. **novæ-zealandiæ** (*Gm.*). (p. 173.) New Zealand.
18. **maculata** (*Vig. & Horsf.*). (p. 174.) Tasmania, S. Australia, New S. Wales, Norfolk Isl.
[*Cf. Gurney*, Ibis, 1885, p. 139.]
19. **dimorpha** (*Salvad.*). (p. 175.) New Guinea, Jubi Isl.
20. **connivens** (*Lath.*). (p. 175.) Australia generally.
21. **occidentalis**, *Ramsay*, Proc. Linn. Soc. N.S.W. (2) i. p. 1086. N.W. Australia.
22. **peninsularis**, *Salvad.*, Ann. Mus. Civic. Genov. vii. p. 992 (1875). Cape York, N. Australia.
23. **rufistrigata** (*Gray*). (p. 177.) Molucca Is. (Halmahéra).
24. **assimilis**, *Salvad. & D'Albert.*, Ann. Mus. Genov. vii. p. 809 (1875). S.E. New Guinea.
[*albomaculata*, *Ramsay*, Pr. Linn. Soc. N.S.W. iv. p. 249 (1879).]
25. **obscura**, *Hume.* (p. 178.) Andaman Is., Nicobar Is.
26. **theomacha**, *Bp.* (p. 178.) New Guinea, Mysol, Waigiou.
27. **goodenoviensis**, *De Vis*, Ann. Rep. Brit. New Guinea, p. 58 (1890). Goodenough Isl.
28. **strenua** (*Gould*). (p. 178.) Australia.

29. *humeralis*, *Bp.* (p. 180.) New Guinea,
[fransenii (Schl.) (p. 181); *cf.* *Salvad. Orn. Pap.* Waigiu.
 i. p. 84.
undulata, Ramsay, *Pr. Linn. Soc. N.S.W.* iii.
 p. 249 (1879).]
30. *aruensis* (*Schl.*). (p. 181.) Aru Is.
31. *cdiosa*, *Scl.*, *P. Z. S.* 1877, p. 108. Bismarck Archipelago
 (New Britain).
32. *superciliaris* (*Vieill.*). (p. 181.) Madagascar.
33. *punctulata* (*Q. & G.*). (p. 182) Celebes.
[plateni (*W. Blasius, in litt.*), *Hartl. Abh. nat.* Mindoro, Philippines.
Ver. Bremen, xvi. p. 271 (1899)]
34. *granti*, *Sharpe*, *P. Z. S.* 1888, p. 183. Solomon Is.
[punctulata (nec *Q. & G.*), Ramsay, *Pr. Linn.* (Guadalcanar).
Soc. N.S.W. iv. p. 66 (1879).]
35. *hypcgramma* (*Gray*). (p. 183.) Molucca Is. (Batchian,
 Halmahera, Ternate).
36. *squamispila* (*Bp.*). (p. 184) Ceram, Mysol.
37. *variegata* (*Q. & G.*). (p. 185.) Bismarck Archipelago
[Cf. Salvad. Orn. Pap. i. p. 88. (New Ireland,
novæ britannie, Ramsay, *Proc. Linn. Soc.* New Britain).
N.S.W. ii. p. 105 (1877).]
38. *sclmcnis*, *Sharpe*, *P. Z. S.* 1876, p. 627. Solomon Is.
39. *rudclfi*, *A. B. Meyer*, *Ibis*, 1882, p. 232, pl. vi. Lesser Sunda Is.
 (Sumba Isl.).
40. *hantu* (*Wall.*). (p. 185.) Buru.
41. *ferbesi*, *Scl.*, *P. Z. S.* 1883, p. 51. Tenimber Is.
42. *natalis*, *Lister*, *P. Z. S.* 1888, p. 515. Christmas Isl.,
 Indian Ocean.
43. *jacquincti* (*Bp.*). (*Cf. Salvad. Orn. Pap.* i. p. 84.) Solomon Is.,
[teniata (*Jacq. & Pucher.*). (p. 186.)] New Britain.
44. *terriclor*, Ramsay, *Proc. Linn. Soc. N. S. W.* iv. S.E. New Guinea.
 p. 466 (1879).
[goldiei, Gurney, *Ibis*, 1883, p. 169: *cf. Salvad.*
Agg. Orn. Pap. i. p. 22 (1889).]

Sub-Family IV. *SYRNIINÆ*.

(Sharpe, Cat. B. ii. p. 225, 1875.)

XVII. *SYRNIUM*, *Savign.*

(Sharpe, *t. c.* p. 244.)

- | | |
|--|--|
| 1. <i>aluco</i> (<i>Lin.</i>). (p. 247.) | Europe.
Mediterranean countries. |
| 2. <i>willkonskii</i> , <i>Menzier</i> , Bull. B. O. C. vi. p. vi
(1896). | Transcaucasia. |
| 3. <i>niviccla</i> (<i>Hodgs.</i>). (p. 250.) | Himalayas,
N.W. China. |
| 4. <i>biddulphi</i> , <i>Scully</i> , Ibis, 1881, p. 423. | Gilgit,
N.W. India,
Afghanistan,
C. Asia. |
| 5. <i>dauidi</i> , <i>Sharpe</i> . (p. 251.) | N.W. China (Moupin). |
| 6. <i>uralense</i> (<i>Pall.</i>). (p. 255.) | N. Europe.
Siberia. |
| 7. <i>fuscescens</i> , <i>Temm. & Schl.</i> (p. 257.) | Japan. |
| 8. <i>nebulsum</i> (<i>Forst.</i>). (p. 257.) | E. Canada.
E. United States,
S. to Texas. |
| 9. <i>alleni</i> , <i>Ridgw.</i> , Proc. U. S. Nat. Mus. iii. p. 8
(1880). | S. Carolina and Texas. |
| 10. <i>helvecium</i> , <i>Bangs</i> , Proc. New Eng. Zool. Club,
i. p. 31 (1899). | Texas. |
| 11. <i>occidentale</i> , <i>Xantus</i> . (p. 260.) | S. Colorado,
New Mexico,
Arizona,
California,
Lower California,
Mexico. |
| 12. <i>caurinum</i> , <i>Merriam</i> , Auk, xv. p. 39 (1898). | W. N. America
(Brit. Columbia to
Washington State) |
| 13. <i>sartorii</i> , <i>Ridgw.</i> (p. 258, note.) | E. Mexico. |
| 14. <i>fulvescens</i> , <i>Scl. & Salv.</i> (p. 258.) | S. Mexico (Chiapas),
Guatemala. |

15. **rufipes** (*King*). (p. 261.) Chile,
Patagonia.
16. **seloputo** (*Horsf.*). Indo-Chinese Provinces,
[*sinense* (*Lath.*). (p. 261.)] Malay Peninsula,
Greater Sunda Is.
17. **ocellatum** (*Less.*). (p. 263.) Indian Peninsula.
18. **whiteheadi**, *Sharpe*, *Ibis*, 1888, p. 196, pl. iii. Philippine Is. (Palawan).
[*wiepkeni*, *W. Blasius*, *Ornis*, 1888, p. 304.]
19. **leptogrammicum** (*Temm.*). (p. 264.) Borneo.
20. **myrtha** (*Bp.*). (p. 264, note.) Sumatra.
21. **niasense**, *Salvad.*, *Ann. Mus. Genov.* (2) iv. p. 526 Nias Isl.
(1887).
22. **woodfordi** (*Smith*). (p. 267.) E. Africa (Cape Colony
to Nyasa-land).
23. **nuchale**, *Sharpe*. (p. 265.) W. Africa (Gold Coast
to Angola).
24. **suahelicum**, *Reichen.*, *Mittl. Hochl. N. deutsch.* German East Africa.
Ost-Afr. p. 272 (1898).
25. **umbrinum**, *Heugl.*; *Reichen. t. e.* p. 272 (1898). N.E. Africa.
26. **zanzibaricum**, *Reichen. t. e.* p. 272 (1898). Zanzibar.
27. **bchndorffi**, *Sharpe*, *Journ. Linn. Soc., Zool.* xvii. Equat. Africa
p. 439 (1884). (Niam-niam).
28. **nigricantius**, *Sharpe*, *Bull. B. O. C.* vi. p. xlvii German E. Africa
(1897). (Mpapwa).
29. **newarense** (*Hodys.*). (p. 281.) Himalayas,
Burmesse Provinces,
Formosa.
30. **indrani** (*Sykes*). (p. 282.) S. Indian Peninsula,
Ceylon.
31. **maingayi**, *Hume*, *Str. F.* vi. p. 27 (1878). Malay Peninsula.
[*Cf. Sharpe*, *P. Z. S.* 1887, p. 478.]

XVIII. SCOTIAPTEX, *Swains.*

(*Syrnium*, pt., *Sharpe*, *Cat. B.* ii. p. 244, 1875.)

1. **cinerea** (*Gm.*). (p. 252.) Arctic America.
U. States (*winter*).

2. *lapponica* (Retz.). (p. 254.)

N. Europe.
N. Asia.
C. Europe (*occ.*).
N.W. America (*occ.*).

XIX. *CICCABA*, Wagler.

(*Syrnium*, pt., Sharpe, Cat. B. ii. p. 244, 1875.)

1. *albigularis* (Cass.). (p. 270.)

Colombia,
Ecuador.

2. *superciliaris* (Pelz.). (p. 271.)

Brazil,
Amazonia.

3. *suinda* (Vieill.). (p. 272.)

Brazil.

4. *virgata* (Cass.). (p. 273.)

C. America
(Mexico to Panama),
Colombia,
Venezuela.

5. *squamulata* (Bp.). (p. 273, pt.)

Mexico.

6. *huhula* (Daud.). (p. 275.)

Brazil,
Guiana.

7. *nigrolineata* (Scl.). (p. 276.)

C. America
(Mexico to Panama).

8. *spilonota*, Sharpe. (p. 277.)

Colombia.

Sub-Family V. *NYCTALINÆ*.

(Cf. Pycraft, Tr. Linn. Soc. 2nd ser. Zool. vii. pt. 6, p. 269, 1898.)

XX. *GISELLA*, Bp.

(*Syrnium*, pt., Sharpe, Cat. B. ii. p. 244, 1875.)

1. *harrisi* (Cass.). (p. 283.)

Colombia.

2. *iheringi*, Sharpe, Bull. B. O. C. viii. p. xl (1899). São Paulo, Brazil.

XXI. *NYCTALA*, Brehm.

(Sharpe, *t. c.* p. 284.)

1. *tengmalmi* (Gm.). (p. 284.)

N. & C. Europe.
N. Asia.

2. *richardsoni*, Bp.
[*tengmalmi*, pt. (p. 284.)] Arctic America,
Canada.
Northern U. States
(*winter*).
3. *acadica* (Gm.). (p. 287.) U. States to Mexico.

XXII. *SURNIA*, Daud.

(Sharpe, Cat. B. ii. p. 129, 1875.)

1. *ulula* (Linn.). (p. 129.) N. Europe.
W. Asia.
2. *doliata* (Pall., Zoogr. Rosso-Asiat. i. p. 316.) Kamtchatka, Alaska,
Siberia.
3. *caparcch* (P. L. S. Müll.). [Cf. Stejneger, Auk, Arctic America.
i. p. 363 (1884).] Northern U. States
[*funerea*, nec Linn. (p. 131).] (*winter*).
Great Britain (*acc.*).

XXIII. *ATHENE*, Vie.

(Carine, Kaup; Sharpe, t. c. p. 132)

[Cf. Blanford, Faun. Brit. Ind., Birds, iii. p. 300, 1895.]

1. *noctua* (Scop.). (p. 133.) C. & S. Europe.
2. *glaux* (Savign.). (p. 135.) Mediterranean countries
to C. Asia.
3. *spilcgastra* (Heugl.). (p. 138.) Coasts of Red Sea.
Somali-land.
4. *bactriana*, Blyth.
[Blanford, Faun. Brit. Ind., Birds, iii. p. 303, C. Asia, Tibet,
1895.] N. China.
5. *brama* (Temm.). (p. 138.) Indian Peninsula.
6. *pulchra*, Hume. (p. 140.) Burmese Provinces.
7. *muribora*, Günth. & E. Newt., Phil. Trans. clxviii. Rodriguez (Pleistocene).
p. 424 (1879).

XXIV. *HETEROGLAUX*, Hume.

(Sharpe, t. c. p. 141.)

[*Athene*, pt., Blanford, l. c.]

1. *blewitti*, Hume. (p. 141.) C. India

XXV. SPEOTYTO, *Gloger*.

(Sharpe, Cat. B. ii. p. 142, 1875.)

1. *cunicularia* (*Mol.*). (p. 142.) S. America.
2. *hypogæa* (*Bp.*). W. N. America,
[*cunicularia*, pt., p. 112.
obscura, Stephens, Auk, xii. p. 272 (1895).] C. America.
3. *guadalupensis*, *Ridgw.* (p. 147.) Lesser Antilles
4. *floridana*, *Ridgw.* S. Florida.
[*Cf.* A. O. U. Check-list, 2nd ed. p. 150, 1895. Bahamas.
bahamensis, Cory, Auk, viii. p. 348 (1891).]
5. *amaura*, *Lavr.*, Pr. U.S. Nat. Mus. i. p. 234 Lesser Antilles
(1878). (Antigua).
6. *restrata*, *C. H. Townsend*, Proc. U.S. Nat. Mus. Clarion Isl., Lower
xiii. p. 133 (1890). California.
7. *brachyptera*, *Richmond*, Proc. U.S. Nat. Mus. Margarita Isl.
xviii. p. 663 (1896).
8. *dcminicensis*, *Cory*, Bull. Nutt. Orn. Club, vi. Haiti and S. Domingo.
p. 154 (1881).

XXVI. GYMNASIO, *Bp.*

(Sharpe, *t. c.* p. 149.)

1. *nudipes* (*Daud.*). (p. 149.) Lesser Antilles
[*krugi*, Gundl. J. f. O. 1875, p. 223.]
2. *lawrencei* (*Scl. & Salv.*). (p. 150.) Cuba.

XXVII. GLAUCIDIUM, *Boie*.

(Sharpe, *t. c.* p. 188.)

1. *nanum* (*King*). (p. 190.) Chile,
Patagonia.
2. *passerinum* (*Linn.*). (p. 191.) N. & C. Europe.
3. *orientale*, *Tacz.*, Mém. Acad. St. Pétersb. (7) E. Siberia.
xxxix. p. 128 (1891).

4. *siju* (*D'Orb.*). (p. 193.) Cuba.
5. *gnoma*, *Wagl.* (p. 194.) W. N. America (Brit. Columbia and E. Rocky Mts. to Tablelands of Mexico).
6. *californicum*, *Scl.* (p. 194, pt.) W. N. America (Coast of California to Brit. Columbia).
[*Cf.* A. O. U. Check-l. 2nd ed. p. 151, 1895.]
7. *hoskinsi*, *Brewst.*, Auk, v. p. 136 (1888). Lower California.
[*Cf.* A. O. U. Check-l. 2nd ed. p. 151, 1895.]
8. *fisheri*, *Nelson & Palmer*, Auk, xi. p. 41 (1894). Mexico (Puebla).
[*gnoma*, pt., *Salvin & Godman*, Biol., Aves, ii. p. 35, 1897.]
9. *cobanense*, *Sharpe.* (p. 199.) Guatemala.
[*gnoma*, pt., *Salvin & Godman*, Biol., Aves, ii. p. 35, 1897.]
10. *griseiceps*, *Sharpe.* (p. 196.) British Honduras, Guatemala to Panama.
11. *pumilum* (*Temm.*). (p. 198.) Brazil.
12. *ferox* (*Vieill.*). (p. 200.) Brazil, Peru, Bolivia, Ecuador, Colombia, Guiana.
13. *phalænoides* (*Daud.*). (p. 203.) Trinidad.
14. *ridgwayi*, *Sharpe.* (p. 205.) S. United States (Texas to Arizona).
[*phalænoides*, pt., *Salvin & Godman*, Biol., Aves, ii. p. 33 (1897).] C. America (Mexico to Panama).
15. *jardinii* (*Lp.*). (p. 207.) Venezuela, Colombia, Ecuador, N. to Costa Rica.
16. *tephronotum*, *Sharpe.* (p. 211.) S. America (loc. ign.).
17. *perlatum* (*Vieill.*). (p. 209.) S. Africa.
N.E. Africa.
18. *kilimense*, *Reichen.*, Orn. M.B. i. p. 178 (1893). Mt. Kilimanjaro, E. Africa.

19. **sjöstedti**, *Reichen.*, Orn. MB. i. p. 65 (1893). W. Africa (Cameroons).
20. **brcdiei** (*Burton*). (p. 212.) Himalayas to Assam,
Tenasserim, and S.
China.
Malay Peninsula.
21. **pardalotum** (*Swinh.*). (p. 214.) Formosa.
22. **sylvaticum** (*Bp.*). (p. 215.) Sumatra.
23. **borneense**, *Sharpe*, Bull. B. O. C. i. p. lv (1893). N.W. Borneo.
24. **castanonotum** (*Blyth*). (p. 215.) Ceylon.
25. **castanopterum** (*Horsf.*). (p. 216.) Java.
26. **radiatum** (*Tick.*). (p. 217.) Indian Peninsula.
27. **malabaricum** (*Blyth*). (p. 218.) S. India,
[*radiatum*, pt., Blanf. Faun. Brit. India, Birds, Ceylon.
iii. p. 306, 1895.]
28. **cuculcides** (*Gould*). (p. 219.) Himalayas,
Hills of C. India.
Assam,
Burmese Provinces.
29. **whitelyi** (*Swinh.*). (p. 222.) China.
30. **capense** (*Smith*). (p. 223.) S. Africa (E. Cape Colony
to Nyasa-land).
31. **castaneum**, *Reichen.*, Orn. MB. i. p. 62 (1893). Equatorial Africa.

XXVIII. **MICROPALLAS**, *Coues*, Auk, vi. p. 71 (1889).

[*Micrathene*, *Coues* (nec *Sundev.*), *Sharpe*, Cat. B. ii. p. 224.]

1. **whitneyi** (*Cooper*). (p. 224.) S. California, Arizona,
New Mexico, S. Texas,
Valley of Mexico,
Lower California.
2. **socorroensis** (*Ridgw.*, Auk, iii. p. 333). Socorro Is.,
W. Mexico.

Sub-Family VI. *PHOTODILINÆ*.

(Cf. Blauf. Faun. Brit. Ind., Birds, iii. p. 268, 1895.)

XXIX. *PHOTODILUS*, *Isid. Geoffr.*[*Phodilus*, Sharpe, Cat. B. ii. p. 309, 1875.]

- | | |
|---|---|
| 1. <i>badius</i> (<i>Horsf.</i>). (p. 309.) | E. Himalayas,
Assam,
Burmesic Provinces,
Malay Peninsula,
Greater Sunda Is. |
| 2. <i>assimilis</i> , <i>Hume</i> , Str. F. v. p. 138 (1877). | Ceylon. |

XXX. *HELIODILUS*, *Milne-Edw.*

(Milne-Edw. C. R. lxxxv. p. 1282, 1878.)

- | | |
|--|-------------|
| 1. <i>soumagnii</i> , <i>Grandid.</i> , Bull. Soc. Philom. (7) ii. p. 65 (1878). | Madagascar. |
|--|-------------|

Family II. *STRIGIDÆ*.

(Sharpe, Cat. B. ii. p. 289, 1875.)

I. *STRIX*, *Linn.*(Sharpe, *t. c.* p. 290.)

- | | |
|---|---|
| 1. <i>flammea</i> , <i>Linn.</i> (p. 290.) | Europe.
Africa. |
| 2. <i>javanica</i> (<i>Gm.</i>). (p. 291, pt.)
[Cf. Blauf. Faun. Brit. Ind., Birds, iii. p. 264,
1895.] | Indian Peninsula.
Indo-Chinese Provinces.
Greater and Lesser Sunda
Is. |
| 3. <i>sumbaensis</i> , <i>Hartert</i> , Nov. Zool. iv. p. 270
(1897). | Lesser Sunda Is. (Sumba
Isl.). |
| 4. <i>perlata</i> (<i>Licht.</i>). (p. 291, pt.) | C. & S. America. |
| 5. <i>pratinocla</i> , <i>Bp.</i> (Cf. A. O. U. Check-l. 2nd ed.
p. 143, 1895.) | Temperate N. America,
S. from lat. 41°. |
| 6. <i>furcata</i> (<i>Temm.</i>). (p. 296) | Jamaica. |

7. *ccntempta*, *Hartert*, Nov. Zool. v. p. 500 (1898). N.W. Ecuador.
8. *bargei*, *Hartert*, Bull. B. O. C. i. p. xiii (1892). Curaçao Is.
9. *delicatula*, *Gould*. (p. 297.) Australia,
New Caledonia,
New Hebrides,
Loyalty Is.
10. *lulu*, *Peale* (p. 291, pt.) Society Is.,
Tonga Is.,
Samoa Is.
11. *rosenbergi*, *Schl.* (p. 298.) Celebes.
12. *inexpectata*, *Schl.*, Notes Leyden Mus. i. p. 59 N. Celebes.
(1879).
13. *punctatissima*, *Gould*. (p. 292.) Galapagos Is.
14. *nigrescens*, *Lawr.*, Proc. U. S. Nat. Mus. i. p. 64 Lesser Antilles (Domi-
(1878). nica).
15. *glaucops*, *Kaup*. (p. 291, pt.) S. Domingo.
[*dominicensis*, *Cory*, Bull. Nutt. Orn. Club, viii.
p. 95 (1883).]
16. *insularis*, *Pelz.* (p. 291, pt.) Cape Verde Is.
17. *dercepstorffi*, *Hume*, Str. F. iii. p. 390 (1875). Andaman Is.
18. *novæ-hollandiæ*, *Steph* (p. 303.) Australia.
New Caledonia.
Loyalty Is.
19. *sororcula*, *Scl.*, P. Z. S. 1883, p. 51. Tenimber Is.
20. *castancps*, *Gould*. (p. 304.) Tasmania.
21. *aurantia*, *Salvad.*, Atti R. Acc. Torino, xvi. p. 619 New Britain.
(1881); id. Orn. Pap. iii. p. 512 (1882).
22. *tenebricosa*, *Gould*. (p. 306.) Australia.
23. *arfaki*, *Schl.*, Notes Leyd. Mus. i. p. 101 (1879). New Guinea.
24. *capensis*, *Smith*. (p. 307.) S. Africa.

25. *candida*, Tick. (p. 308.)
 [*oustaleti*, Hartl. P. Z. S. 1879, p. 295.]
 Indian Peninsula,
 Burmese Provinces,
 Formosa,
 Celebes,
 N. Australia.
 Fiji Is. (Viti Levu).
26. *thomensis*, Hartl. (p. 290, note.)
 W. Africa (St. Thomas
 Isl.).
27. *melitensis*, Lydekker, Cat. Foss. B. p. 13 (1891).
 Malta (Pleistocene).
28. *sancti albani*, Lydekker, P. Z. S. 1893, p. 518,
 pl. xli. figs. 1-4.
 France (Miocene).
29. *suazierri*, E. Newt. & Gadow, Tr. Z. S. xiii. p. 286,
 pl. xxxiii. figs. 11, 18 (1879).
 Mauritius (Pleistocene).
30. *antiqua*, Milne-Edwards; Lydekker, Cat. Foss. B. p. 14 (1891).
 France (Lower Miocene).

II. *Badiostes*, Amegh.

(Amegh. Bol. Inst. Geogr. Argent. xv. p. 102.)

1. *patagonicus*, Amegh. l. c.
 Patagonia (Miocene).

ADDENDA.

Page 3, last line.

7. *Casuarinus beccarii*.

Volkan Is.,
Aru Is.

Add:—

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